Application Manual

for DOT-H300 Windows Mobile computer

D.O.Tel

Document Revision History

Doc ver.	Release date	Description of change
1.00	2012/08/06	1st Release of this document
1.01	2012/10/09	H300WM_KIOSK_R0103 Added H300WM_KeyWedge_R0107 updated H300WM_SetUpDeviceCtrl_R0103 updated
1.02	2012/11/30	H300WM_KeyWedge_R0203 updated
1.03	2013/02/25	H300WM_KeyWedge_R0303 updated H300WM_Demo_R0302.CAB
1.04	2013/04/23	H300WM_KeyWedge_R0308 updated H300WM_SetUpDeviceCtrl_R0106.CAB H300WM_KIOSK_R0105.CAB H300WM_Demo_R0307.CAB
1.05	2013/07/31 2013/08/01	H300WM_KeyWedge_R0312 updated H300WM_DEMO_R0312.CAB updated

Version Information

Module	Program	Version	Date
Start Up	H300WM_SetUpDeviceCtrl_R0106.CAB	R0106	2012-12-21
KeyWedge	H300WM_KeyWedge_R0312.CAB	R0308	2012-07-26
Demo	H300WM_DEMO_R0312.CAB	R0312	2013-08-01
App Center	H300WM_KIOSK_R0105.CAB	R0105	2013-03-21

Contents

Before You Begin

This document is helpful for the person who is responsible for demonstrating the functions and features of DOT mobile computer. Before you work with this document, you should be familiar with your network environment and general networking terms.

About This Document

This document guides you to explore the functions of a DOT mobile computer. You can utilize these applications to experience functions as follows:

- Control Setup-Device, Configure Device Default Value and update OS image
- Scanning bar codes (1D/2D)
- Reading a HF RFID Cards and Tags
- Reading a UHF Tags
- Emulate a Key-wedge function
- Taking a picture with an integrated camera
- Pairing a Bluetooth accessories
- Connecting with WLAN AP
- Making a phone call with an integrated phone

For more information about which functions are supported by your DOT mobile computer, see each chapter's beginning .

Chapter 1: Guide to StartUp Management

This chapter describes SetupDeviceCtrl.exe for initializing the mobile computer, Process.INI for setting initial default value of the mobile computer and OsUpdateManager.exe for safe OS image updates.

Installing SetupDeviceCtrl folder

H300WM_SetupDeviceCtrl_R01xx.CAB;

My Device > Flash Disk > CAB > H300WM_SetupDeviceCtrl_R01xx.CAB

Tap H300WM_SetupDeviceCtrl_R01xx.CAB to install to SetupDeviceCtrl folder.

Generated folder and files; **~My Device/Flash Disk/SetupDeviceCtrl/~**

Supported Model	OS	Type
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	SetupDeviceCtrl.exe Scripts ProcessINI.exe

1.1 SetupDeviceCtrl

SetupDeviceCtrl (DOS batch file type script) is used for initializing the mobile computer.

- **SetupDeviceCtrl.exe**; located in [Flash Disk/SetupDeviceCtrl/]
- Scripts (OnCleanStart.txt , OnResetStart.txt)

SetupDeviceCtrl runs automatically at Clean Boot or Reset. If you want to have your own, you can manually execute this script through User Interface window which can be edited and saved.

Auto run of SetupDeviceCtrl

During Clean Boot,

[Flash Disk/SetupDeviceCtrl/OnCleanStart /**OnCleanStart.txt**] is executed.

If **SetupDeviceCtrl.exe** exists in [Storage Card/SetupDeviceCtrl/],

[Storage Card/SetupDeviceCtrl/OnCleanStart /**OnCleanStart.txt**] is executed.

During Reset,

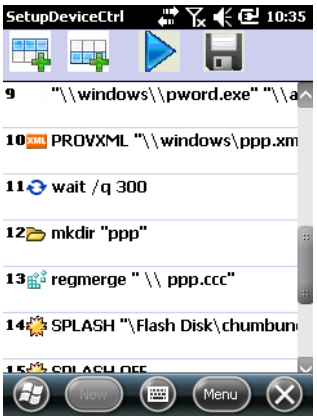
[Flash Disk/SetupDeviceCtrl/OnEveryReset /**OnResetStart.txt**] is executed.

If **SetupDeviceCtrl.exe** exists in [Storage Card/SetupDeviceCtrl/],

[Storage Card/SetupDeviceCtrl/OnEveryReset/**OnResetStart.txt**] is executed.

Manual run of SetupDeviceCtrl

You can manipulate scripts through UI edit window.



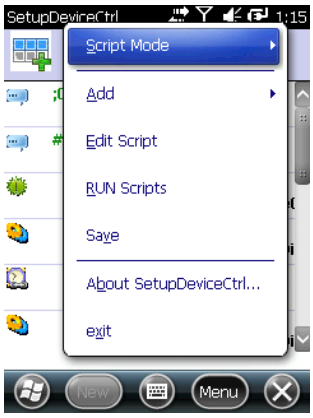
: Add new line after the current line

: Add new line before the current line.

: Executes all scripts.

: Save all edited scripts.

Besides buttons, you can edit, run and save scripts through **Menu**. Tap **Menu** on the system tray.



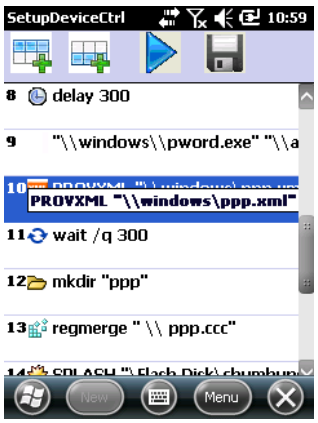
▪ **Script Mode > Clean Start**; Scripts of the **OnCleanStart.txt** will be displayed.

▪ **Script Mode > Reset Start**; Scripts of the **OnResetStart.txt** will be displayed.

▪ **Add > Add After….**; Add new line after the current line.

▪ **Add > Add Before….**; Add new line before the current line.

▪ **Edit Scripts**; will enter the edit mode of the current line.



* When you want to edit the current line, tap the line one more time. Then, it will enter the edit mode of the line that you want to edit.

▪ **Run Scripts**; will run all scripts.

▪ **Save**; will save what you edited.

Script Format

Following table shows script command, parameter set for reference.

Function	Command	Parameter	Remarks
Comment	<;> or <//>		
	Ex> //comment 1		
Copy	Copy	“src” “dest”	
	Ex> copy "\Flash Disk\test.txt" "\Flash Disk\CopyFile.txt"		
Move	Move	“src” “dest”	
	Ex> move "\Flash Disk\test.txt" "\Flash Disk\MoveFileOk.txt"		
Delete	Delete	“target”	
	Ex> delete "\Flash Disk\test.txt"		
Make Shortcut	Shortcut	“src” ”shortcut”	
	Ex> shortcut "\Windows" "\Flash Disk\WindowsShortcutOk.lnk"		
Rename	Rename	“origin” ”new”	
	Ex> rename "\Flash Disk\test.txt" "\Flash Disk\Rename.txt"		
Make Folder	Mkdir	“name”	
	Ex> mkdir "\Flash Disk\TestMkDir"		
Make Delay	Delay	[seconds]	
	Ex> delay 3		
Make Delay	Wait	/c<or /q> [seconds]	Seconds : will wait the end of the previous process during [seconds] /q : will not execute hereafter script at timeout /c : will execute hereafter script even at timeout
	Ex> wait /c 10		
Install Provisioning XML	Provxml	“xml file path”	Can configure WiFi / Proxy and so on.
	Ex1> PROVXML "\Flash Disk\test.xml" Ex1>XML 예시 <wap-provisioningdoc> <characteristic type="Wi-Fi"> <characteristic type="access-point"> <characteristic type="linksys">		

<table>
<tr><td></td><td colspan="3"><parm name="DestId" value="{436EF144-B4FB-4863-A041-8F905A62C572}"/>
<parm name="AdHoc" value="0"/>
<parm name="Authentication" value="7"/>
<parm name="Encryption" value="6"/>
<parm name="KeyProvided" value="0"/>
<parm name="NetworkKey" value="1234567890"/>
<parm name="KeyIndex" value="1"/>
<parm name="Use8021x" value="-1"/>
<parm name="EAPType" value="13"/>
</characteristic>
</characteristic>
</characteristic>
</wap-provisioningdoc></td></tr>
<tr><td rowspan="2">Import Registry</td><td>Regmerge</td><td>“reg file path”</td><td>DOT’s own format</td></tr>
<tr><td colspan="3">regmerge "\Flash Disk\test.reg"</td></tr>
<tr><td rowspan="2">IdleTimerReset</td><td>IdleTimerReset</td><td>[Period]</td><td>Will not enter Auto Sleep during this period</td></tr>
<tr><td colspan="3">Ex> idletimerreset 1000</td></tr>
<tr><td rowspan="2">Splash Screen</td><td>Splash</td><td>“bmp path”
Off</td><td>Will display Bitmap on screen
Off: will end displaying Splash Screen</td></tr>
<tr><td colspan="3">Ex1> SPLASH "\Flash Disk\test.bmp" Ex2> SPLASH OFF</td></tr>
<tr><td rowspan="2">Soft Reset</td><td>Reset</td><td>None</td><td>Only supported at OnCleanStart.txt</td></tr>
<tr><td colspan="3">Ex> reset</td></tr>
<tr><td rowspan="2">Run file</td><td>“exe path”</td><td>“exe parameter”
->“option “file path””</td><td>Can run execution file like installing Cab file</td></tr>
<tr><td colspan="3">"\windows\wceload.exe" "/noui /nodelete "\Flash Disk\test.CAB""</td></tr>
</table>

1.2 ProcessINI

ProcessINI is used for setting initial default value of the mobile computer and it is executed at the beginning of [Flash Disk/SetupDeviceCtrl/OnCleanStart/OnCleanStart.txt] script run.

▪ **ProcessINI.exe**; located in [Flash Disk/SetupDeviceCtrl/]

When the user run ProcessINI manually, user-created INI file is applied.

Following table shows INI format for reference.

Section	Key	Value	비고
Key Remapping	Mode	0 / 1 / 2	Not Use / Used to Virtual Key Used to Program Execute
For 19 Keys	VKcode	Hexadecimal value	Virtual Key Code
	Path	String	Program Path Ex> \windows\taskmgr.exe
SUSPEND TIMEOUT	Setting	0 / 1	Setting Disable / Enable
	CheckBatTimeout	0 / 1	Not Use / Use
	OnBatTimeout	1~5	Minute
	CheckACTimeout	0 / 1	Not Use / Use
	OnACTimeout	1, 2, 5, 10, 15, 30	Minute
BACKLIGHT	Setting	0 / 1	Setting Disable / Enable
	CheckBatTimeout	0 / 1	Not Use / Use
	OnBatTimeout	10, 30, 60, 120, 180, 240, 300	Seconds
	CheckACTimeout	0 / 1	Not Use / Use
	OnACTimeout	1~10	Minute
	AcLevel	0~9	Brightness Level
	BatLevel	0~9	Brightness Level
CPU Mode	Setting	0 / 1	Setting Disable / Enable
	Mode	0, 1, 2	0 : Turbo Mode

			1 : Normal Mode 2 : Save Mode
Screen Off	Setting	0 / 1	Setting Disable / Enable
	Enable	0 / 1	ScreenOff Mode Disable / Enable
	SuspendEnable	0 / 1	ScreenOff Suspend Mode Disable / Enable
	SuspendTimeOut	5, 10, 15, 20	Minute
IE	Setting	0 / 1	Setting Disable / Enable
	HomePage	String	Internet Explorer Default URL
WIRELESS MANAGER	Setting	0 / 1	Setting Disable / Enable
	PhonePower	0 / 1	Off / On
	BTPower	0 / 1	Off / On
MANUFACTURE Name	Setting	0 / 1	Setting Disable / Enable
	Name	String	Ex> DOTEL Co., Ltd
VOLUME	Setting	0 / 1	Setting Disable / Enable
	Mode	0, 1, 2	0 : Normal 1 : Vibrate 2 : Off
	SystemVol	0~5	Volume Level
	PhoneVol	0~5	Volume Level

INI Sample
[SUSPEND TIMEOUT] Setting=1 CheckBatTimeout=1 OnBatTimeout=5 CheckACTimeout=1 OnACTimeout=5

[BACKLIGHT] Setting=1 CheckBatTimeout=1 OnBatTimeout=60 CheckACTimeout=1 OnACTimeout=5 AcLevel=4 BatLevel=4
[CPUMODE] Setting=1 Mode=0
[SCREENOFF] Setting=1 Enable=1 SuspendEnable=1 SuspendTimeOut=5
[IE] Setting=0 HomePage=http://www.naver.com/
[WIRELESS MANAGER] Setting=1 PhonePower=1 BTPower=1
[VOLUME] Setting=1 Mode=2 SystemVol=5 PhoneVol=5
[MANUFACTURE] Setting=0 Name=DOTEL Co., Ltd
[CENTER APP KEY] Mode=2 VKcode=98 Path=\windows\taskmgr.exe

1.3 OsUpdateManager

Supported Model	OS	Type
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	OsUpdateManager.exe

OSUpdateManager will help you update OS safely without losing or changing configuration file in **/Flash Disk**.

- **OsUpdateManager.exe**; should be located at same folder, or SD root as which there are OS image to be updated. This file will be distributed together with new OS image.
- **OsUpdateManager.ini**; Created and exists only when **Backup > Restore**

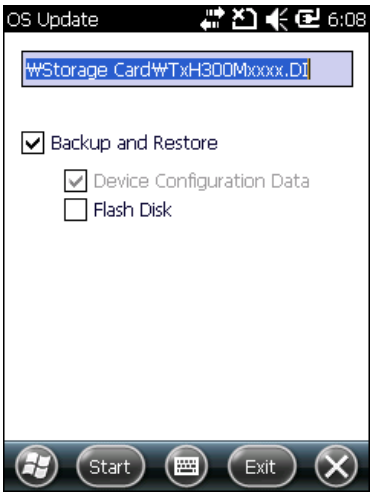
OS Update & Backup

Before doing OS update, make sure that OS image to be updated is in storage card.

It is recommended to update the mobile computer with AC-plugged or fully charged battery to avoid unwanted situation.

Run **OsUpdateManager.exe .**

If Total OS image is found in storage card, you will see the screen as follows.



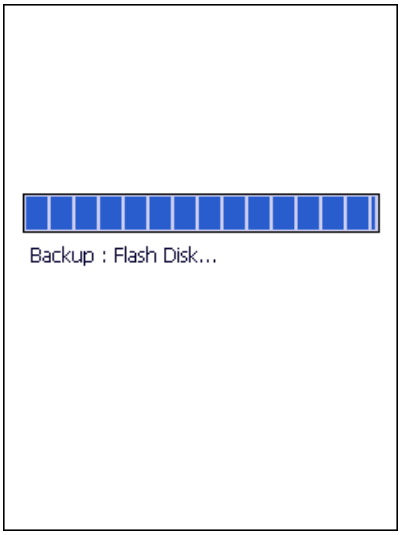
- **Backup and Restore**; Check it if you want to backup & restore your previously defined configuration.
- **Flash Disk**; Check it if you want backup of previous configuration data which is in Flash Disk. All files in Flash Disk will be saved.

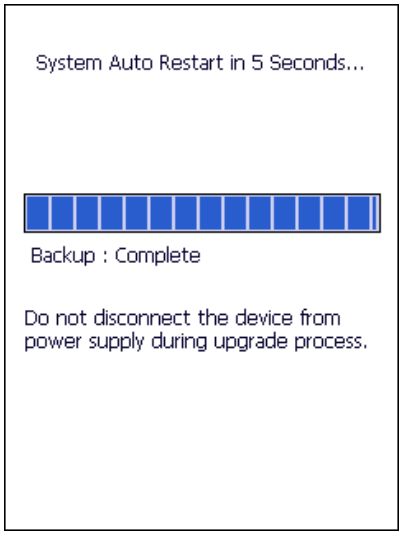
To quit this application without update, tap **Exit**.

To begin OS update, tap **Start**. Following screen appears. This figure shows an example which user checked Flash Disk to save previous files in Flash Disk.

OsUpdateManager creates folder, “Backupdata” in storage card and makes backup files.

Another figure shows the screen which completed backup operation. After completing backup, the mobile computer resets automatically within 5 seconds and begins installing OS.





After installing OS, OsUpdateManager checks whether "\Storage Card\OsUpdateManager.ini" exists. If it is there, following screen appears which indicates being on the restore process. If it is not there, it will show "Welcome" screen.

When OsUpdateManager completes restoring the backup Flash Disk, it will do Clean Boot automatically and restart the mobile computer. Then entire OS update process is done.

Chapter 2: KeyWedge

You can enable/disable keyboard wedge for barcode scanner and HF, UHF RFID reader. Also you can specify each peripheral's scan(reading) condition as what you want.

Once Keyboard Wedge Tray is launched, you can set and modify all keyboard wedge settings on Keyboard Wedge Tray.

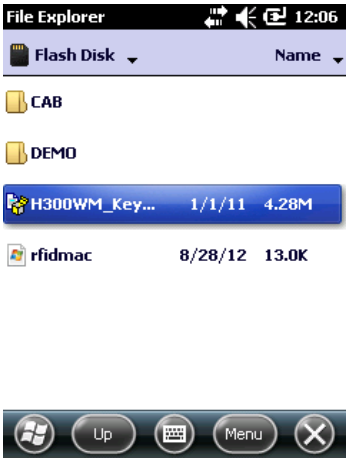
About KeyWedgeTray

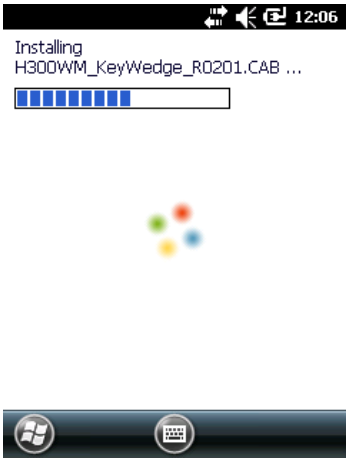
You can set scanner keyboard wedge and RFID keyboard wedge through KeyWedgeTray.exe and select wedge conditions through KeyWedgeOpt.exe

Supported Model	OS	Type
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	KeyWedgeTray.exe KeyWedgeOpt.exe
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	ScannerOpt.exe
DOTH-300S(Q)	Windows Embedded Handheld 6.5	HFOpt.exe
DOTH-300C(Q)	Windows Embedded Handheld 6.5	UHFOpt.exe

Installing KeyWedge

Copy the latest version of **H300wM_KeyWedge_Rxxxx.CAB** to the DOT Mobile Computer. Run **H300WM_KeyWedge_Rxxxx.CAB** on the DOT mobile computer to install KeyWedge. After the installation is complete, KeyWedge will run automatically.

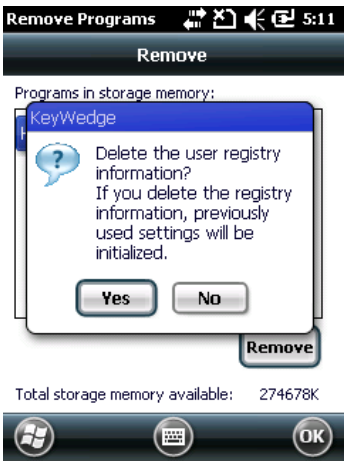




Uninstalling KeyWedge

Go to **Start > Settings > System** to open the System window. Tab the **Remove Programs** applet.

Select **KeyWedge** from the list of installed programs and tap the **Remove** button. Tap the **Yes** button when the *Remove Program* dialog appears to uninstall KeyWedge from the DOT mobile computer.



Tab the **Yes** button when you delete the user registry information. Otherwise, tab the **No** button.

¶ NOTE. IF you delete user information, set by default when you reinstall KeyWedge.

KeyWedge Upgrade

▪ Refer to **Uninstalling Keywedge**, uninstall KeyWedge from the DOT mobile computer.

▪ Refer to **Installing Keywedge**, on the DOT mobile computer to install KeyWedge.

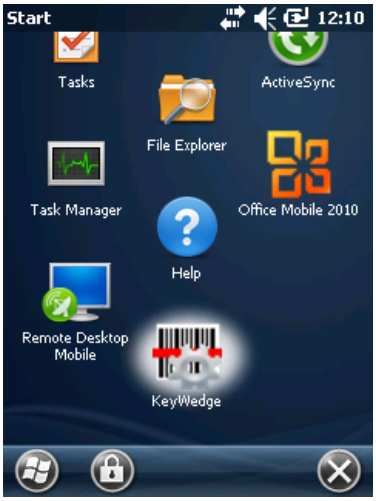
¶ NOTE. For proper operation, you must remove the previous program, and then install it.

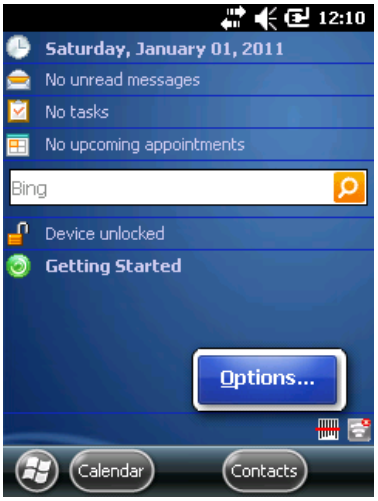
2.1 KeyWedgeTray

Start KeyWedge Tray

▪ Go to **Start > KeyWedge applet** or Tab **Tray icon > Options…**

▪ Change the **KeyWedge ON** state and press the **OK** button.





¶ NOTE. If KeyWedge the OFF status or Tray Icon HIDE status, the Tray icon does not appear.

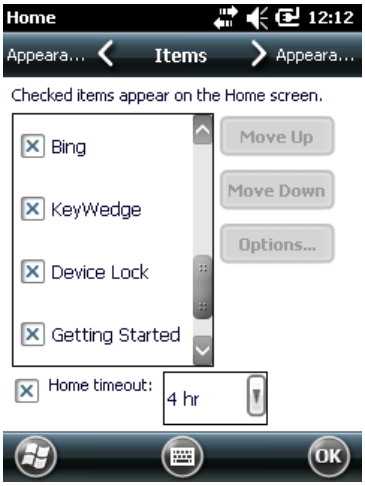
2.2: KeyWedge Home Screen

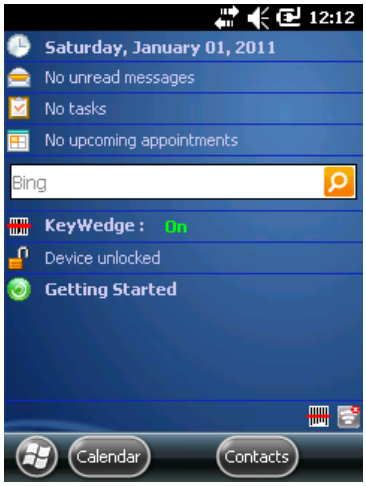
KeyWedge Home Screen register

▪ Go to **Start > Settings > Home** to open the Home window. Tab the **Items.** Select (☒) **KeyWedge** from the list of Home Screen and tag the **OK** button.

▪ Registration is complete, KeyWedge On/Off status is displayed.

▪ Tab **KeyWedge** Home Screen, **KeyWedge Option** is executed.

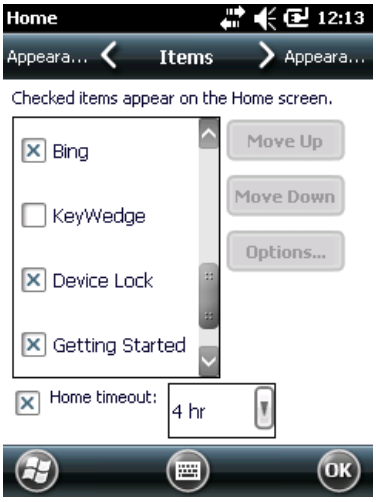


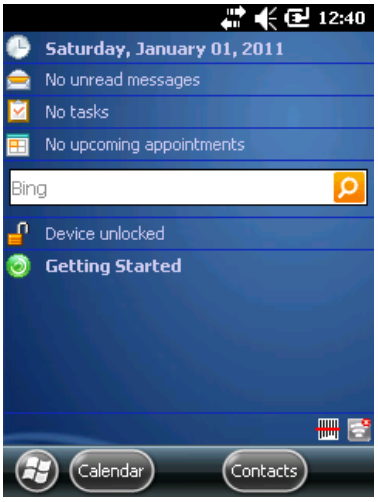


KeyWedge Home Screen unregister

▪ Go to **Start > Settings > Home** to open the Home window. Tab the **Items**. Select (☐) **KeyWedge** from the list of Home Screen and tag the **OK** button.

▪ Deregistration is complete, KeyWedge will be removed from Home Screen.





¶ NOTE. KeyWedge Home Screen function is supported in the following versions and above.

- KeyWedge CAB Ver: H300WM_KeyWedge_R0201.CAB

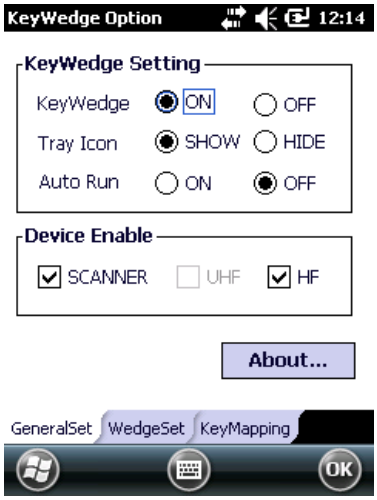
- Windows Mobile OS Ver: WMH300XXXXXXX05AX

2.3 KeyWedge Option

Go to > **KeyWedge** applet.

If KeyWedgeTray is already activated , tap icon on the tray.

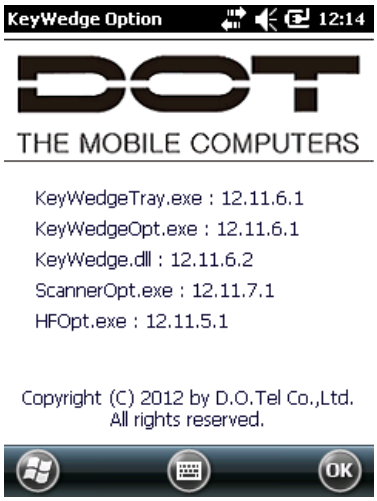
GeneralSet Tab



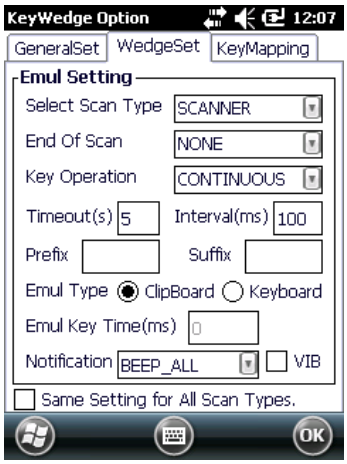
- **KeyWedge:** ON or OFF KeyWedge Application.
- **Tray Icon**: SHOW or HIDE the tray icon in “KeyWede ON” mode.
- **Auto Run:** During boot-up, the KeyWedge can run.
- **Device Enable:** Select the device you want to use.

¶ NOTE. If Device (SCANNER, UHF and HF) are not mounted, this menu will be inactive.

▪ **About:** Show the version information for the KeyWedge.



WedgeSet tab



▪ **Select Scan Type**; Select “Scanner” for 1D/2D scanner, “HF” for HF RFID reader and “UHF” for UHF RFID reader.

▪ **End of Scan**; will define data or command following decoded data.

▪ **Key Operation**; You can select scan operation mode. According to scan function, 3 modes are supported as follows.

Mode	Key Down	Key Up	Success	Time out
SYNC	Reading	Stop	Stop	Stop
ASYNC	Reading	No change	Stop	Stop
CONTINOUS	Reading	Stop	Retry	Retry

▪ **Timeout**; Valid range is between 1sec ~ 15sec. Up to 2-digits can be input.

▪ **Interval**; Time interval that re-scan after previous scan success in "CONTINOUS" mode. Valid range is between 100ms ~ 3000ms. Up to 4-digits can be input.

▪ **Prefix**; character string to be inserted before decoded data. Up to 5-digits can be input.

▪ **Suffix**; character string to be inserted after decoded data. Up to 5-digits can be input.

Prefix	**Data**	**Suffix**	**End Of Scan**

[Filed of data]

▪ **Emul Type**;

- Clipboard: Outputs the result to clipboard.
- Keyboard: Outputs the result as keyboard type.

▪ **Emul Key Time(ms)**: Set the Emul key time option to specify the delay to be inserted between each keystroke character that is sent, in "Keybaord". (0 msec ~ 1000msec)

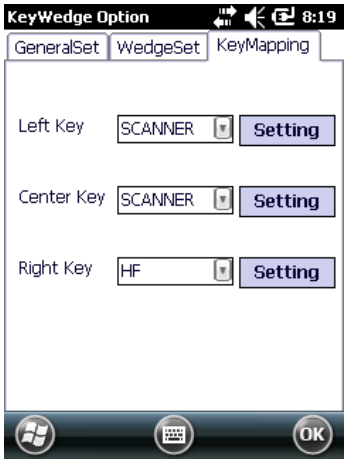
¶ NOTE. Emul Key Time(ms) function is supported in the following versions and above.

- KeyWedge CAB Ver: H300WM_KeyWedge_R303.CAB

▪ **Notification**: Select the Beep or Vibration when scanner read successfully.

If you want to save changes in settings and to exit, tap **OK** button.

KeyMapping tab



▪ **Left / Center / Right / Gun key:** you can assign each key to different scan device. (SCANNER, HF, UHF)

▪ **Setting:** If combo box setting, the configuration window of selected device will appear.

¶ NOTE. The representation of active/inactive and terms Depend on the scanner model

2.4 Scanner KeyWedge Option

About ScannerOpt.exe

You can set barcode symbology for scanner through ScannerOpt.exe

Configuring Scanner

If KeyWedgeTray is already activated, tap  on the tray.

Tap **Options…** to open KeyWedge setting window.

Move to KeyMapping tab. At least one of the keys (Left, Center, Right, Gun) should be selected as SCANNER. Tap **Setting** to open **ScannerOpt** window.

▪ **Check box**: Enable or disable each barcode type separately

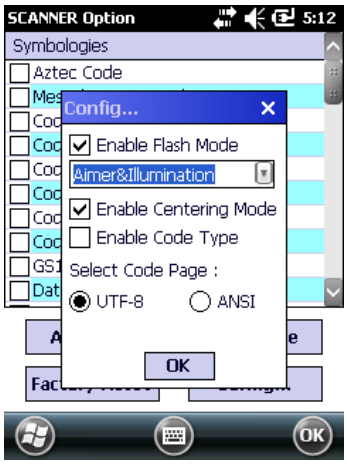
▪ **All Enable**: Enable all types of barcodes to be scanned.

▪ **All Disable**: Disable all types of barcodes to be scanned.

▪**Factory Reset:** Resets all the settings of the Scanner.

¶ NOTE. Supported barcode symbol may vary depending on the scanner model. If all barcode symbols to enable, it can take a long time to read.

■ **Config…:** Set the operation status of the scanner.



• **Security Level:** Set security level. **(Only 1D Scanner)**

• **Enable Code Type:** Barcode type is enabled.

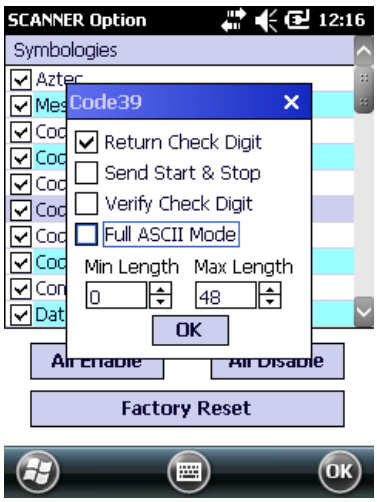
• **Select Code Page:** Set the code page. (UTF-8, ANSI)

• **Enable Flash Mode:** If selected "Aimer&Illumination", Flash mode to work. **(Only 2D Scanner)**

• **Aimer/Illumination:** set the Aimer/Illumination combinations that can be used during a decode attempt. **(Only 2D Scanner)**

• **Enable Centering Mode:** Barcode in the center of the Aimer is read only. **(Only 2D Scanner)**

¶ NOTE. Depending scanner models, "Config..." menu may be different.



Tap symbology name you want to specify its reading condition. > Popup window appears > you can set reading conditions.

• **Enable Aim ID:** AIM ID is output.

• **Return Check Digit:** Transmit the symbol with or without the check digit.

• **Verify Check Digit**: When this feature is enabled, the scan engine checks the integrity of symbols to verify that the data

complies with specified check digit algorithm.

• **Send Start & Stop**: When enabled, the start and stop character transmission.

• **Convert EAN8 to EAN13**: Convert EAN-8 to EAN-13.

• **Convert UPCA to EAN13**: Convert UPC-A to EAN-13.

• **Convert UPCE to EAN13**: Convert UPC-E to EAN-13.

• **Convert UPCE to UPCA**: Convert UPC-E to UPC-A.

• **Extended UPCE**: Convert UPC-E to UPC-A.

• **Enable FNC1**: CODE-128 and GS1-128 barcode to set the FNC1.

• **System Code**: Transmit the system character.

• **System & Country Code**: Transmit the system character and country code.

• **Full ASCII Mode**: Full ASCII is a variant of symbols which pairs characters to encode the full ASCII character set.

• **Min/Max Length**: Minimum / Maximum length for valid barcode string for this symbol.

• **Only Supplement**: The scanner only decodes UPC/EAN symbols with supplemental characters, and ignores symbols without supplementals.

• **Set Space Character**: Determines if there is a space character between the data from the bar code and the data from the addenda.

¶ NOTE. The representation of active/inactive and terms Depend on the scanner model.

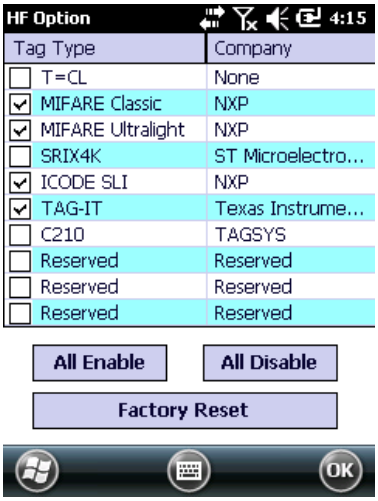
2.5 HF RFID KeyWedge Option

Configuring a HF RFID reader

If KeyWedgeTray is already activated, tap  on the tray.

Tap **Options…** to open KeywedgeOpt window.

Move to KeyMapping tab. At least one of the keys (Left, Center ,Right, Gun) should be selected as HF. Tap **Setting** to open **HFOpt** window.



Supported tag types are listed. Check each tag type that you want to read.

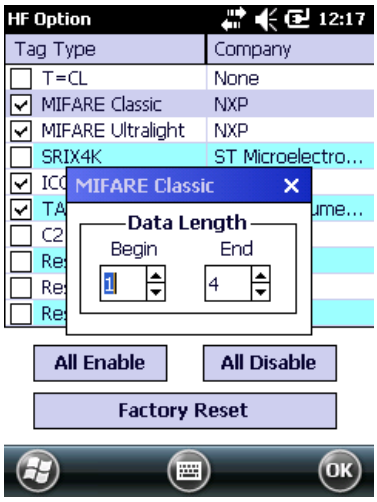
▪ **All Enable;** enable all tag types and reader will scan all tag types as reading tag.

▪ **All Disable;** disable all tag types.

▪ **Factory Reset;** all setting will be reset to default value.

¶ NOTE. Can not support all the tags, depending on DOT mobile computer.

¶ NOTE. If all HF tags to enable, it can take a long time to read.



If tap each tag, pop-up window will be open as figures and you can set data length of each tag.

- **Data Length:** You can set data length of each HF tag

Ex)

MIFARE Classic tag, support for 4-byte UID.

If UID is “12345678”(Hex),

To read all “12345678” : Begin = 1, End = 4

To read only “1234” : Begin = 1, End = 2

To read only “3456” : Begin = 2, End = 3

To read only “5678” : Begin = 3, End = 4

To read only “12” : Begin = 1, End = 1

¶ NOTE. The End value should be equal or greater than Begin value

2.6 UHF RFID KeyWedge Option

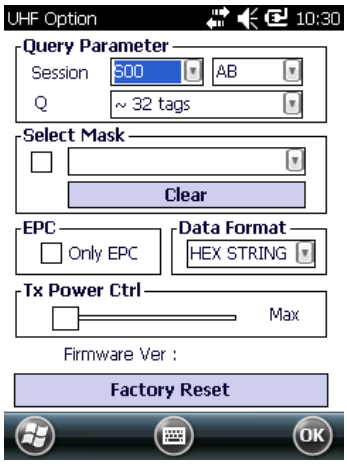
Configuring the UHF RFID reader

If KeyWedgeTray.exe is already activated, tap  on the Home screen.

Tap **Options…** to open KeyWedge setting window.

Move to KeyMapping tab. At least one of the keys(Left, Center, Right, Gun) should be selected as UHF .

Tap **Setting** to open **UHFOPTION** window.



▪ **Session:** Setting is required by the system to multiple tag reading environment. On the same tag, the reading time interval can be adjusted.

- **S00:** The same tag can be read consecutively.
- **S01:** The same tag can be read within about 2 seconds.
- **S10:** The same tag can be read between 2 and 5 seconds.
- **S11:** Inventory type until you change it, once reading the tag will not read again.

¶ NOTE. Typically, using the S00 or S01.

¶ NOTE. Duplicate reading time may vary depending on the tag.

▪ **Tag Inventory type:** Set **Inventory type** of the tag to read.

- **A:** Only **Inventory type A** tag is read.
- **B:** Only **Inventory type B** tag is read.

- **AB:** All **Inventory type A** and **B** tag is read.

¶ NOTE. Typically, using the A or AB.

▪ **Q**: The option to use when reading multiple tags. Its range is between 1~32768.

¶ NOTE. Typically, using the ~32tags.

▪ **Select Mask:** Used to detect tag you already selected only. Select a tag from the list of previously read tag and check.

▪ **EPC:** EPC data output is set.

☑ Only EPC : EPC data is output only.

☐ Only EPC : PC and EPC data is output.

¶ NOTE. EPC Mode is supported in the H300XX_KeyWedge_R0310.CAB version and above.

■ **Data Format:** Set the data output format. (HEX STRING, ASCII)

¶ NOTE. Data Format is supported in the H300XX_KeyWedge_R0312.CAB version and above.

▪ **Tx Power control:** Used to control the RF output power.

The following table indicates the effects of setting the width of the attenuation.

(unit. dBm)

Max	Att1	Att2	Att3	Att4	Att5	Att6	Att7	Att8	Att9
0	-3	-6	-9	-12	-15	-18	-21	-24	-27

▪ **Firmware Ver:** UHF firmware version will be displayed.

▪ **Factory Reset:** Resets all the settings of the UHF RFID.

¶ NOTE. Tx Power adjustment, you can adjust the tag read distance.

¶ NOTE. Tx Power higher, tag read distance is increased. But, Increases the battery consumption.

If you want to save changes in settings and exit, tap **OK**.

Chapter 3: Camera

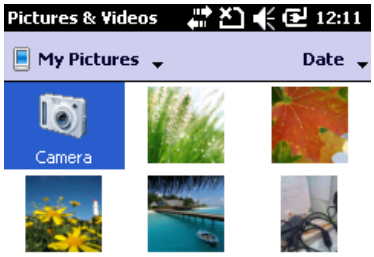
About Camera

You can take a picture, save as a file, explore the picture and record motion picture with an integrated camera.

Supported Model	OS	Type
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	3M pixel with Auto Focus

Taking a picture

On the Home screen, tap  icon in the system tray and tap **Pictures & Videos**



Tap Thumbnail icon or **Camera** in the system tray. Device goes to camera preview mode as follows.

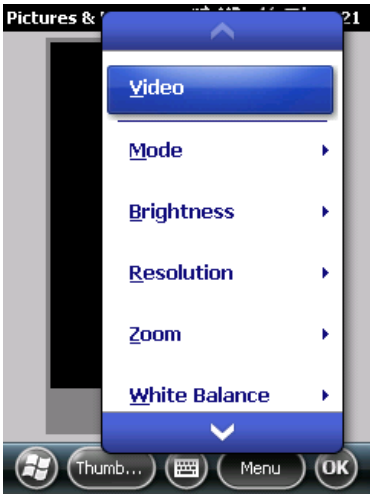
To get the picture which you want to save as file, press **Enter**. Camera takes a picture and captured image appears.

To view the gallery, tap the **Thumb…** .

Configuring the Camera Settings

You can configure camera settings for various needs and environment.

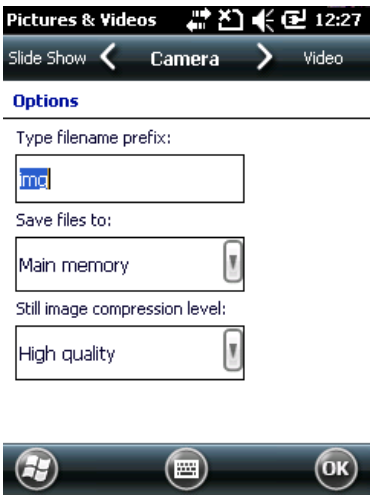
To configure the setting, tap the **Menu** in the preview mode. Popup menu for settings appears.



- **Video** : Switches to video mode. In video mode, **Still** appears and if tap, switches to still mode.
- **Mode** : Normal/Burst/Timer capture mode can be selected.
- **Brightness** : +3 ~ -3 ; Adjust light exposure level as you want.

  Also can be adjusted by pressing , in the front keypad.
- **Resolution** : QCIF(144*176) ~ SXGA(1024*1280) ; Select capture size as you want.
- **Zoom** : x1~ x4

  Also can be adjusted by pressing , in the front keypad.
- **White Balance** : Automatic/Sunny/Cloudy/Fluorescent/Incandescent
- **Flash** : On/Off ; Turn on or off flash when you take a picture.
- **Full Screen** : You can see entire screen for preview.
- **Options…**
  - filename prefix as you want. Then camera saves file like img01, img02 and etc.
  - save files to Main memory/Ram disk/Flash disk
  - image compression level as High/Normal/Low quality



▪ **Auto Focusing(AF)** : Focuses image automatically.

Another way of Auto Focusing : Hold **Enter** until you can hear the beep sound which notifies of being auto-focused. Then release the **Enter** and you will get image captured.

Chapter 4: Bluetooth

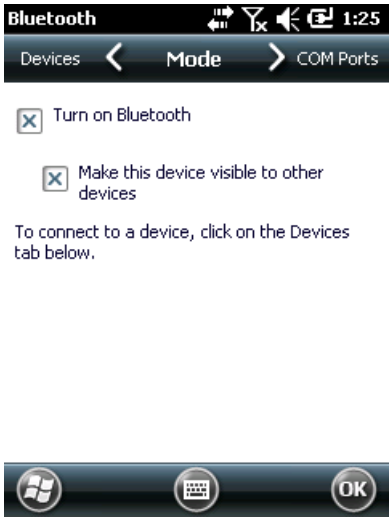
About Bluetooth

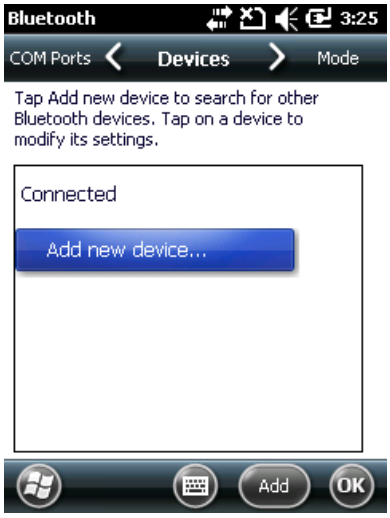
You can pair with various Bluetooth accessories such as Bluetooth ear-set, Bluetooth Mobile printer and Bluetooth –equipped PC and communicate with these.

Supported Model	OS	Type
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	BT2.1 with EDR

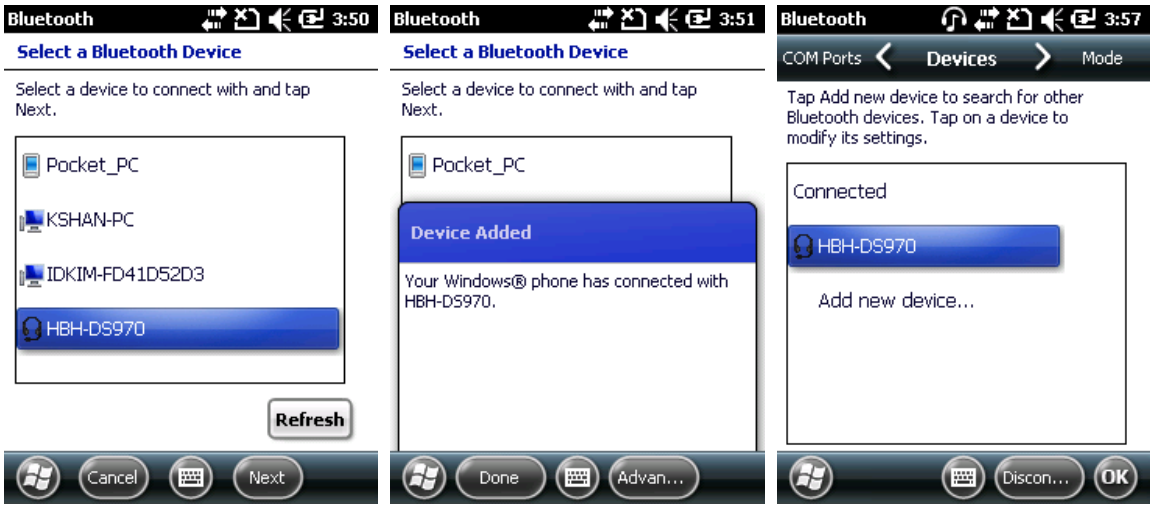
Bluetooth Searching & Pairing

On the Home screen, tap > **Settings** > **Bluetooth.**





Move to **Mode** tab and turn on Bluetooth. Sometimes may be needed discoverable to other Bluetooth devices. Now, move to **Devices** tab and tap **Add** for searching other Bluetooth accessories. Make sure that the accessory you want to pair is turned on so that your device can discover it.



Select the name of the device that you want to pair and follow the instructions on the screen. If the accessory requires that you enter a PIN (often called a pairing code) to pair it with your device, make sure that both the device and the accessory display the same PIN before tapping **Done**.

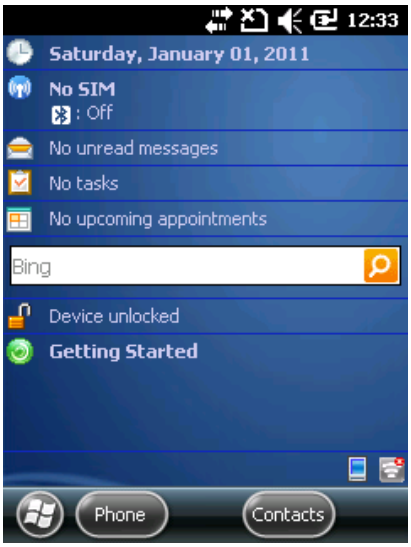
Chapter 5: Wireless LAN (WLAN)

About WLAN

You can connect to an ISP or work network to browse the web and read e-mail.

Supported Model	OS	Type
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	802.11 (a)/b/g

Turn On/Off WLAN



 indicates WLAN power-off state. Tap this icon to turn on WLAN.

▪ **WLAN Insert** ; Will turn on WLAN power and connect to assigned SSID automatically if it is configured previously. If it is not configured yet, it will open WLAN configuration window.

 indicates WLAN active state. Tap this icon to turn off WLAN.

▪ **WLAN Remove** ; Will close WLAN and Turn off WLAN power.

There are different configurations depending on WLAN adapter which is product option. For more information, consult our salesperson.

You can find WLAN adapter information as follows.

Settings > Connections > Network Cards

You can find one of below WLAN Adapter from the adapter list.

Summit 30AG Series WLAN Adapter

AR6000 WLAN Adapter SD

Case : Summit 30AG Series WLAN

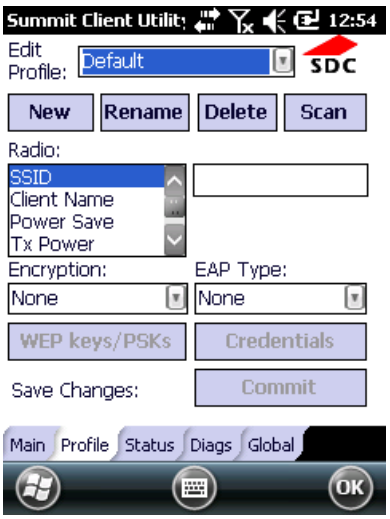
After **WLAN Insert**, follow icon appears next to  .

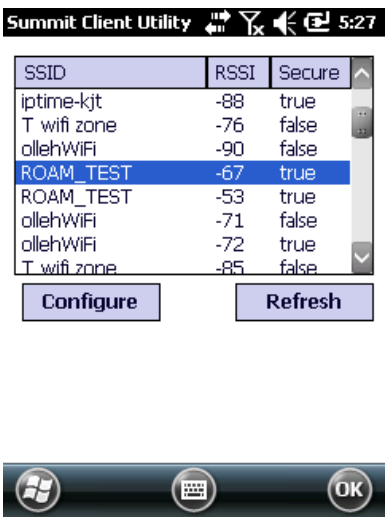
 : WLAN not connected. Double-tap this icon to edit WLAN configurations

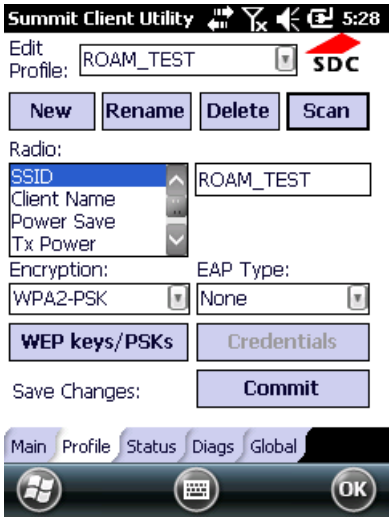
 : WLAN is associated with AP and show received signal strength as bar graph and color.

Double-tap this icon to view and configure WLAN adapter.

To Configure WLAN Adapter :







1. Tap **Scan** in **Profile** tab to search AP's name (Service Set Identifier :SSID) available.

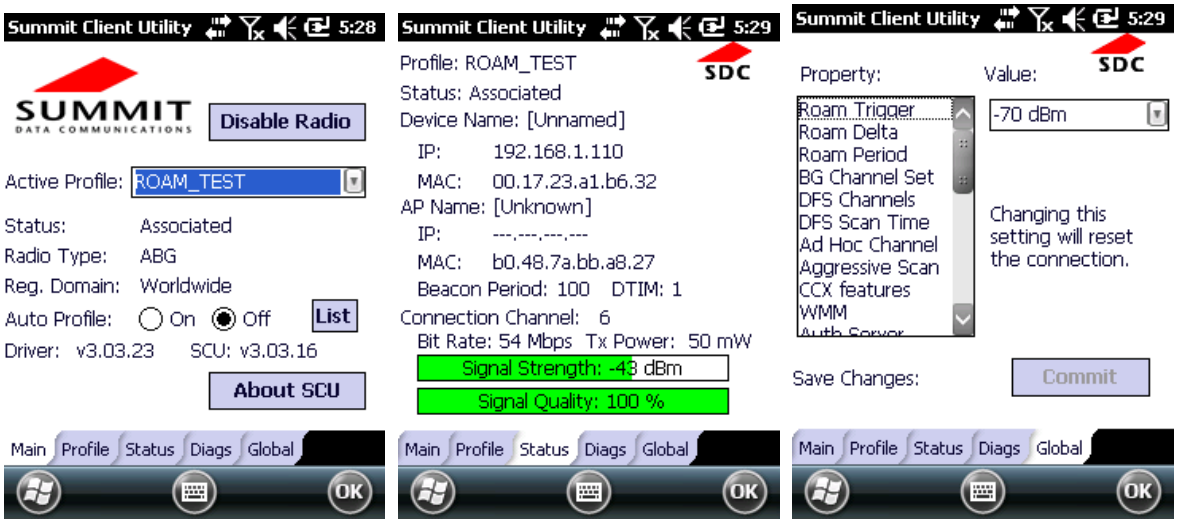
2. Select the AP from the scanned SSID list to connect and tap **Configure**.

Dialog box pops up to make a new profile of SSID and may be prompted to enter credentials or keys.

3. Tap **Commit** and move to **Main** tab. Set a newly configured SSID as an active profile.

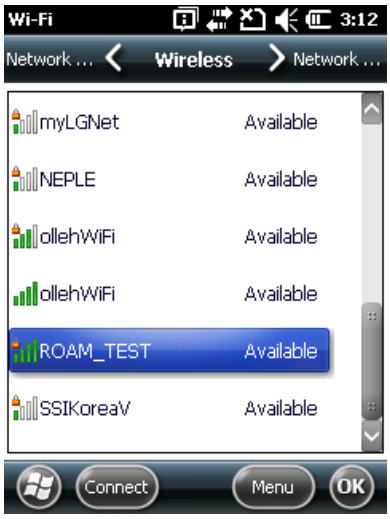
Once active profile is assigned, it always try to connect to this SSID.

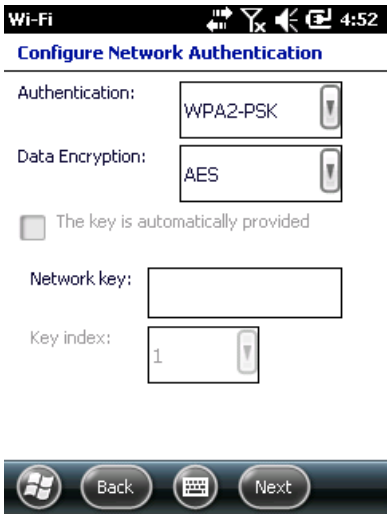
After configured, you can see the related information as follows.

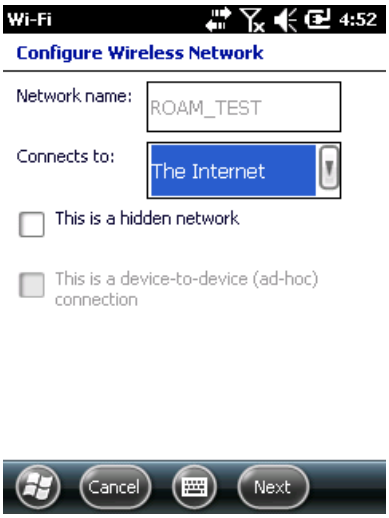


Case : AR6000 WLAN

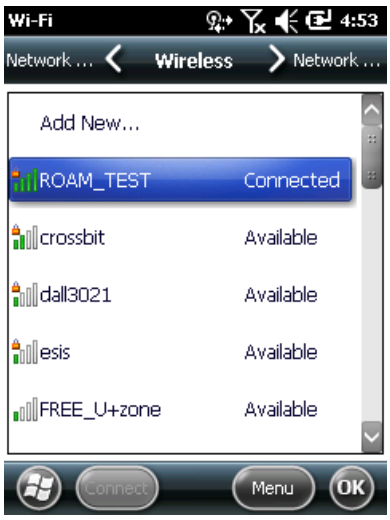
After **WLAN Insert**, available SSID list pops up. Select the SSID which you want to connect.

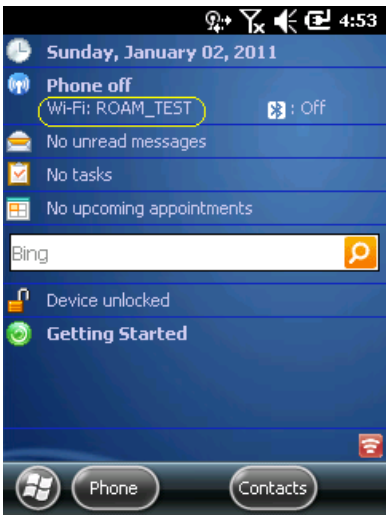






Selected SSID may request to enter keys. Follow steps as shown in figures and tap **Finish** to end configuration.





After configuration done, configured SSID status changed from **Available** to **Connected** and connected SSID name appears next to “Wi-Fi:” at the Home screen which marked by yellow round.

Chapter 6: Features Demo

About Features Demo

You can experience as following features;

- 1D or 2D scanner features demo
- HF RFID demo
- UHF RFID demo (DOTH-300C only)

Install given CAB file and move to each designated path and invoke application demo that you want.

Installing Features Demo

-Installing CAB file

H300WM_Demo_R01xx.CAB; ~My Device > Flash Disk > CAB > H300WM_Demo_R01xx.CAB

Generated folder and files; ~ **My Device/ Flash Disk /Demo/~**

Supported Model	OS	Type
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	Barcode.exe
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	Scanner2D.exe
DOTH-300S(Q)	Windows Embedded Handheld 6.5	TagReader.exe
DOTH-300C(Q)	Windows Embedded Handheld 6.5	rfidhost.exe

6.1 1D Scanner Demo

About 1D Scanner Demo

You can configure 1D scanner and read bar code .

Scanning a bar code

Barcode.exe;  **> File Explorer** > **My Device** > **Flash Disk** > **Demo > Barcode.exe**

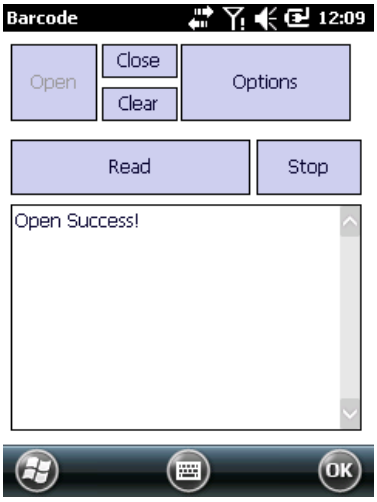
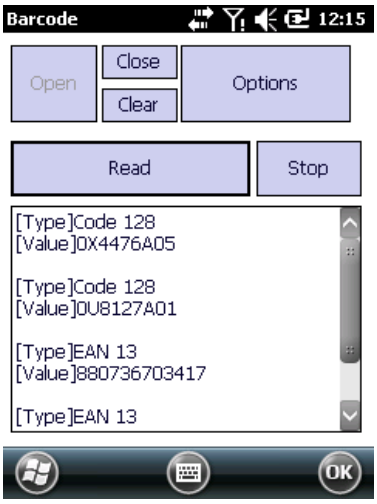


Fig. Barcode.exe Open screen

Tap **Open** button in the Barcode window to start 1D scanner application.

After a while, “Open Success! “ message will appear on the result window.

Tap **Read** button to read bard code.



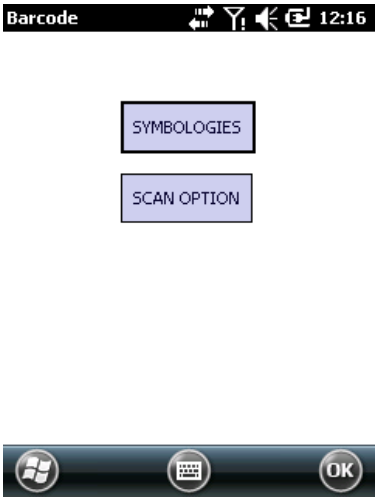
Then, bar code type and its contents(data) will be shown on the screen.

Tap **Clear** button if you want to delete the results shown on the window.

Tap **Stop** button to pause reading when you are in continuous reading mode.

Tap **Close** button to close this application session. To read bar code, tap **Open** button again.

Configuring Scanner



Tap **Options** button at **Barcode** window if you want to configure scanner reading options.

Option window appears.

Following configurable options are supported.

▪ **SYMBOLOGIES**; All the symbologies will be shown. You can unselect unnecessary symbology for your application. And several reading options are available.

▪ **SCAN OPTION ;** You can set several conditions such as timeout, barcode length and so on.

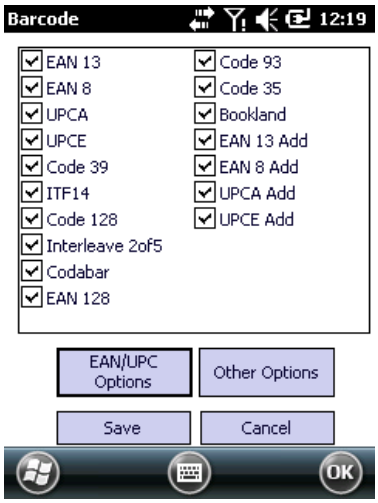


Fig. Options>SYMBOLOGIES

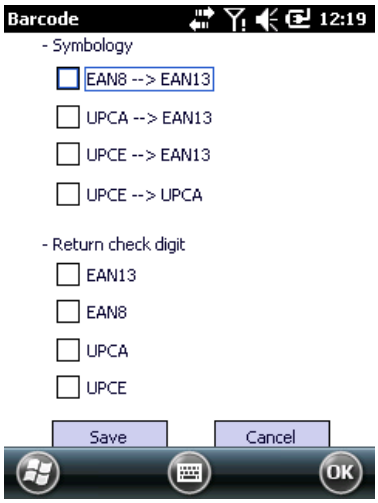


Fig. SYMBOLOGIES>EAN/UPC Options

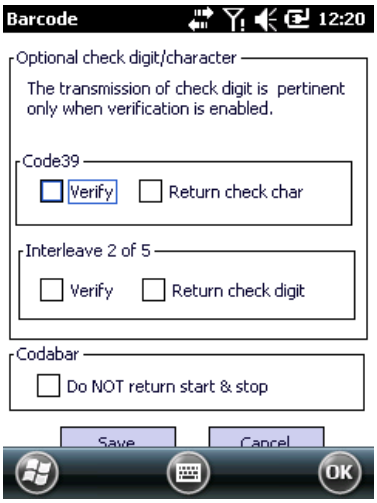


Fig. SYMBOLOGIES>Other Option

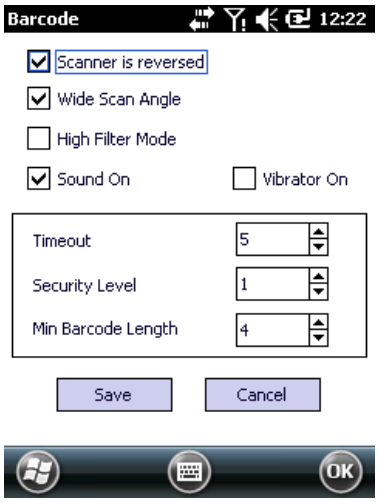
▪ **EAN/UPC Options ;** Data converting between UPC and EAN is available and you are asked whether to return check digit for UPA and EAN type barcode.

▪ **Other Options ;** Regardig Code39, Interleave 2 of 5 and Codabar, you can set option for each barcode.

▪ **Save**; Tap **Save** button to save your changes in **Symblogy Selection.**

▪ **Cancel;** Tap **Cancel** button to leave **Symbology Selection** without saving changes.

2) SCAN OPTION;



▪ **Scanner is reversed ;** Scan direction can be changed right to left or vice versa.

▪ **Wide Scan Angle ;** Apply for long barcode.

▪ **High Filter Mode ;** Useful for low resolution barcode

▪ **Sound On** ; Check this if you want to be notified of successful reading as beep sound.

▪ **Vibrator On** ; Check this if you want to be notified of successful reading as vibration.

▪ **Time Out ;** 0 to 99 Sec. Within defined time limit, scanner will retry scanning consecutively until it reads successfully.

▪ **Security Level ;** 1 to 5. The larger this value, the more accurate result will be obtained.

▪ **Min Barcode Length** ; 2 to 15. You can set minimum barcode length.

▪ **Save** ; Tap **Save** button to save your changes in **Scan Option.**

▪ **Cancel ;** Tap **Cancel** button to leave **Scan Option** without saving changes.

6.2 2D Scanner Demo

About 2D Scanner Demo

You can configure 2D scanner and read bar code .

Scanning a bar code

Scanner2D.exe;  **> File Explorer > My Device > Flash Disk > Demo > Scanner2D.exe**

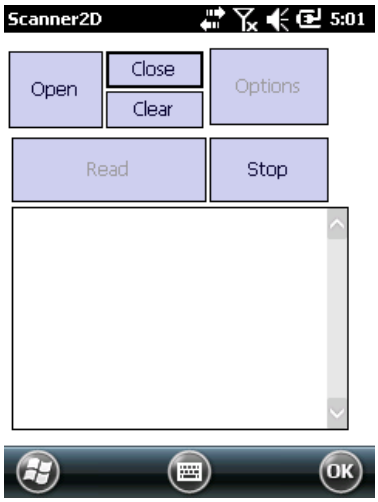


Fig. Scanner2D demo window

1] Open; Tap **Open** to load application program. If program loaded successfully, “CONNECT Success” message will appear in the result window.

2] Close; Tap **Close** to unload 2D Scanner application program.

3] Clear; Tap **Clear** to delete data acquired so far in the result window.

4] Stop; Tap **Stop** to halt scan operation if you want to stop at while reading.

5] Read; Tap **Read** to start scanning bar code image.

Fig. Read results example

Configuring 2D Scanner

Tap **Options** at Scanner2D window to configure 2D Scanner option.

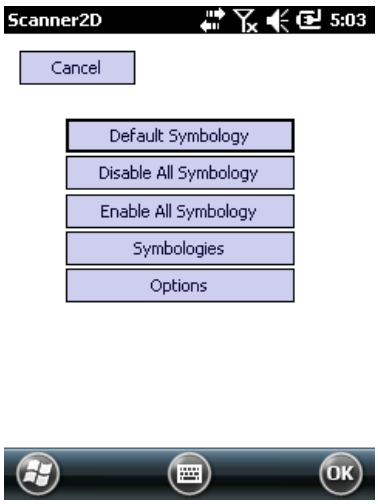


Fig. Options menu

- **Default Symbology;** 2D Scanner will scan a bar code according to pre-defined symbology setting.
- **Disable All Symbology**; 2D scanner will ignore all symbologies.
- **Enable All Symbology;** 2D Scanner will scan a bar code using all symbologies.
- **Symbologies;** You can set options such as length setting and symbol data format about each symbolgy**.**

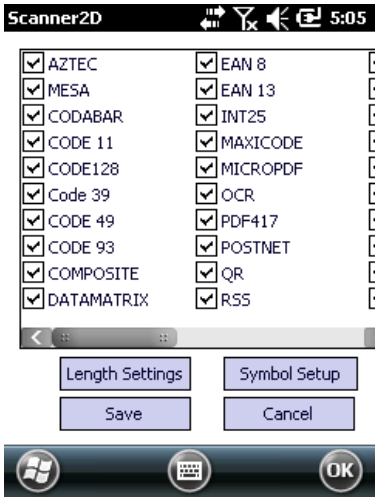
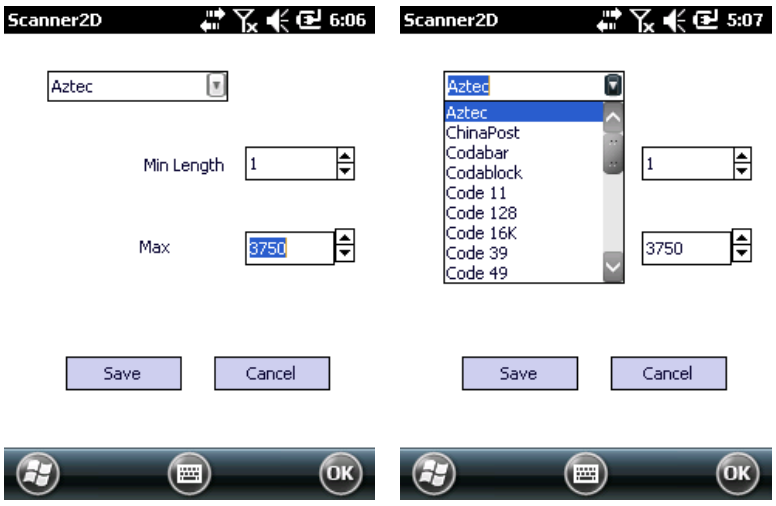


Fig. Symbologies menu screen

All supported bar code list will be shown. Move slide bar left or right and check or uncheck as you want.

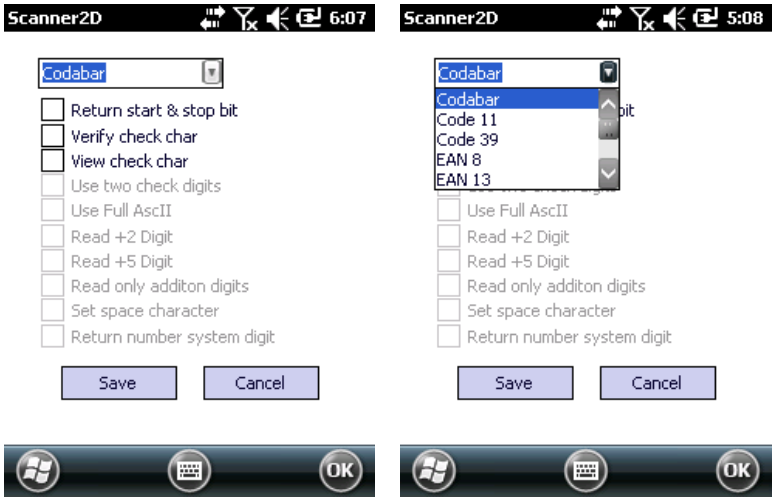
▪ Symbologies > Length Settings

You can set minimum and maximum data length on each symbology.



▪ Symbologies > Symbol Setup

You can set some options on some symbologies. This option can be different on each symbology. If you select symbology, available option will be shown active. Check options available as you need.



▪ **Options**

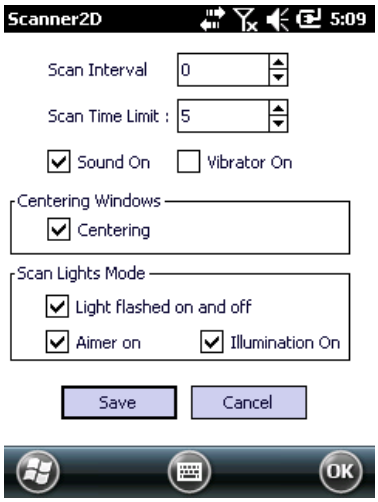


Fig. Scanner2D > Options > Options

▪ **Scan Interval**; 0 to 9999 mSec. This parameter defines time interval that 2D scanner re-scan after previous scan done.

▪ **Scan Time Limit**; 0 to 100 Sec. Within defined time limit, scanner will retry scanning consecutively until it reads successfully.

▪ **Sound On**; Check this if you want to be notified of successful reading as beep sound.

▪ **Vibrator On**; Check this if you want to be notified of successful reading as vibration.

▪ **Centering**; Check this for scanner to read bar code image when aimer beam (displayed as cross mark at bar code) centered at bar code.

▪ **Light flashed on and off**; If unchecked, light will be on always.

▪ **Aimer On**; If unchecked, Aimer light will be off as scanning.

▪ **Illumination On**; If unchecked, illumination light will be off as scanning.

6.3 HF RFID Demo

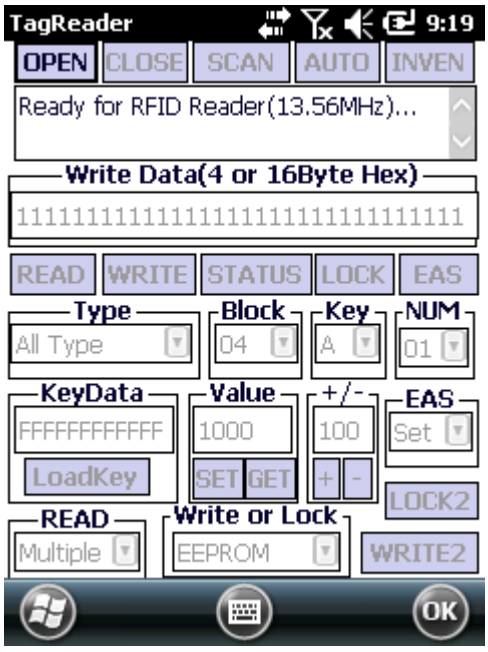
About HF RFID Demo

HF RFID Demo detects 13.56MHz RFID tag based on ISO-14443-A/B, ISO-15693 and TagSys.

And it shows UID , tag protocol type and tag type.

Scanning HF RFID Tag

TagReader.exe;  **> File Explorer > My Device > Flash Disk > Demo > TagReader.exe**



UI buttons are activated or inactivated by tag type.

▪ **OPEN;** Loads HF RFID Driver

▪ **CLOSE;** Unloads HF RFID Driver

▪ **SCAN;** Scans tag of which type is selected in **Type**

▪ **AUTO;** Scans tag of which type is selected in **Type** by interval

▪ **INVEN;** Reads ICODE tag at Inventory mode

- **Write Data box;** Data to write to EEPROM of tag
- **READ;** Reads selected EEPROM **Block** of tag
- **WRITE;** Writes **Write Data** to selected EEPROM **Block** of tag
- **STATUS;** Gets Lock status of selected EEPROM **Block** of ISO-15693 tag
- **LOCK;** Locks selected EEPROM **Block** of ISO-15693 tag
- **EAS;** Sets EAS information to ICODE tag

- **Type;** Sets tag type to access (ISO-14443A, ISO-14443B, ISO-15693, TagSys, All Type)
- **Block;** Assigns EEPROM Block to access
- **Key Type;** Selects Secret Key Type of MIFARE CLASSIC tag (A or B)
- **NUM;** Sets the number of blocks to read at Multi-read of ISO-15693 tag

- **Key Data;** Assigns Secret Key value of MIFARE CLASSIC tag (HEX, Default to 0xFFFFFFFFFFFF)
- **Value;** Sets value to make EEPROM Block of MIFARE CLASSIC tag as value block (DEC)
- **+/-;** Sets value to increase or decrease Value Block of MIFARE CLASSIC tag
- **EAS;** Sets EAS on ISO-15693 tag (Alarm, Lock, Reset, Set)

- **LoadKey;** Authenticates secret key(**Key Type, Key Data**) of MIFARE CLASSIC tag
- **SET;** Sets EEPROM **Block** of MIFARE CLASSIC tag to Value Block as defined in **Value**.
- **GET;** Gets value from Value Block of MIFARE CLASSIC tag (only when Value Block)
- **+;** Increase value of Value Block of MIFARE CLASSIC tag (only when Value Block)
- -; Decrease value of Value Block of MIFARE CLASSIC tag (only when Value Block)

- **WRITE2;** Writes **Write Data** to 2 blocks which starts from EEPROM **Block** of Tag-It tag
- **LOCK2;** Locks 2 blocks which starts from EEPROM **Block** of Tag-It tag
- **READ** mode**;** Selects option to read ISO-15693 tag (Inform, Multiple, Single)
- **Write or Lock** mode**;** Selects option to write/lock ISO-15693 tag (AFI, DSFID, EEPROM)

Scanning a tag

1. Set tag **Type (**ISO-14443A, ISO-14443-B, ISO-15693, TagSys, All Type**)**
2. Place terminal's antenna part near at tag.
3. Tap **SCAN** or **AUTO**
4. If read successfully, you can find scan data on the result window.

[MIFARE CLASSIC tag] To access the tag, it should be authenticated using **Key Type**, **KeyData** and **LoadKey** after scanning the tag.

Reading a tag

1. Set **Block.**
2. Tap **READ**.

[ISO-15693 tag] Using **NUM** and **READ** (Multiple/Single/Inform), you can read Multi or Single Block and read Information.

[ICODE tag] Through **INVEN**, you can read tag with Inventory mode.

[Reading a value from MIFARE CLASSIC tag]

1. Set **Value** block.
2. Tap **GET**.

Writing a tag

1. Set **Block**.
2. Enter data for **Write Data.**
3. Tap **WRITE**.

[Write Data] MIFARE Ultralight : 4Byte, MIFARE Classic:16Byte, ISO-15693:4Byte

[Tag-It tag] You can write 2 consecutive blocks through **WRITE2**.

[ISO-15693 tag] You can select writing area using **Write or Lock**. (**Block** is ignored in case of AFI or DSFID)

[Writing a value to MIFARE CLASSIC tag]

1. Set **Block**.
2. Enter data for **Value**.
3. Tap **SET**

Locking ISO-15693 tag

1. Set **Block** that you want to lock.
2. Set **Write or Lock** area
3. Tap **LOCK**.

Get Lock status of ISO-15693 tag

1. Set **Block** to get status from.
2. Tap **STATUS** to view lock status.

[Tag-It tag] You can lock 2 consecutive block using **LOCK2**. *(**Block** is ignored in case of AFI or DSFID)*

Set EAS on ICODE tag

1. Select **EAS** mode (Alarm/Lock/Reset/Set)
2. Tap **EAS** .

6.4 UHF RFID Demo

About UHF RFID Demo

You can configure UHF reader module and read a UHF tag.

rfidhost.exe; ~ My Device > Flash Disk > Demo > DOTUHF.exe

UHF RFID Main Menu

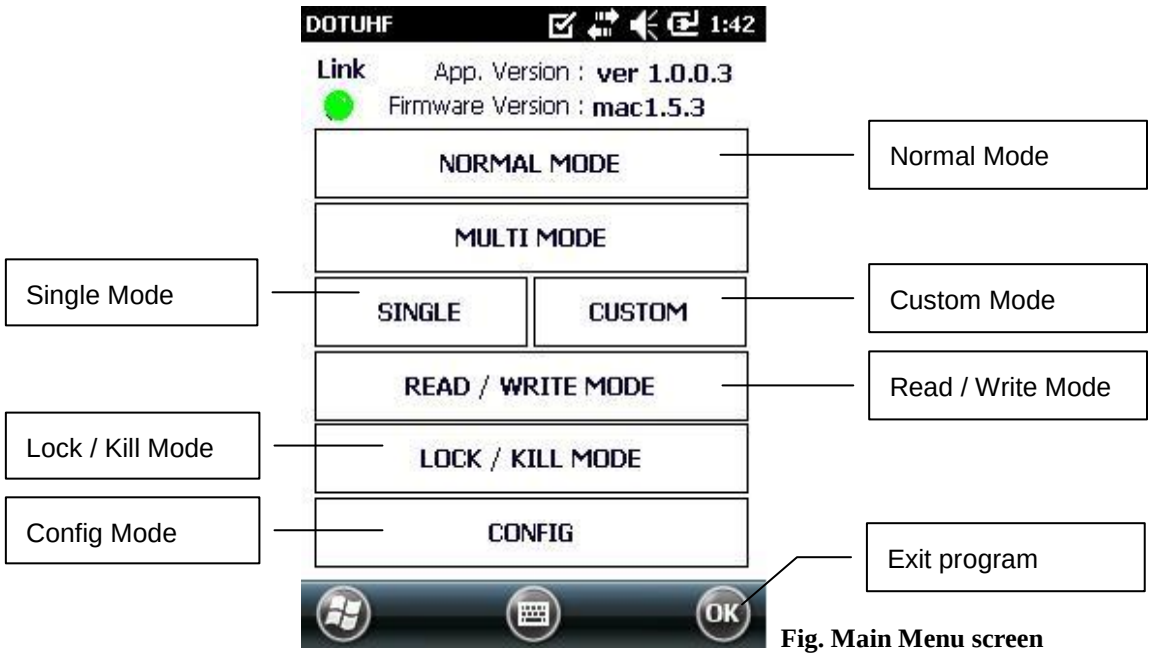


Fig. Main Menu screen

[NORMAL MODE]: Tap to basic read tags. *<Session 00, Target AB, Q=5>*

[MULTI MODE]: Tap to read multi-tags. *<Session 01, Target AB, Q=5>*

[SINGLE MODE]: Tap to read single tag. *<Session 00, Target AB, Q=0>*

[CUSTOM MODE]: Tap to read tags for user.

[READ / WRITE MODE]: Tap to read/write tag memory by block in the memory bank..

[LOCK / KILL MODE]: Tap to make tag's memory locked/unlocked or killed by memory bank.

[CONFIG]: Tap to confirm and adjust settings.

If tap **OK** in the system tray, program will be closed and exits.

Through **MENU**, other functions such as tag read/write can be done.

Reading a RFID tag

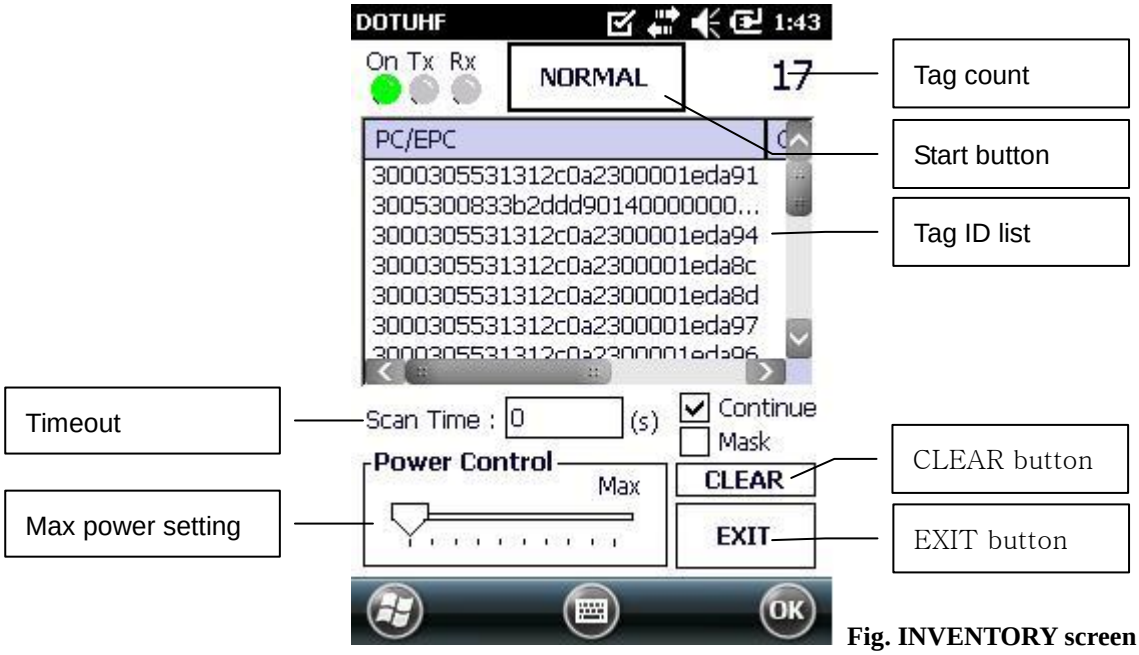


Fig. INVENTORY screen

Normal/Multi/Single/Custom mode is similar to a form.

Tap **INVENTORY** to read tags. Once inventory activated and in the middle of executing, **INVENTORY** button will be changed to **STOP**. If tap **STOP**, RFID reader will stop reading operation.

Tag ID list will show PC/EPC value and **Co...** means accumulated count.

If tap **MASK** to select the tag inventory and Tap **CLEAR** to clear the data you scanned.

If Timeout is zero, there is no timeout. Its unit is second.

Max power output is attenuated up to 9 dB.

Att9	Att8	Att7	Att6	Att5	Att4	Att3	Att2	Att1	Max
-9dB	-8dB	-7dB	-6dB	-5dB	-4dB	-3dB	-2dB	-1dB	

If tap **EXIT** in the system tray, program will be changed Main Menu.

READ/WRITE

READ/WRITE let RFID reader start access operation such as read, write. Access operation will be executed according to parameters which you can set. Prior to run **ACCESS**, tap **Continue** and un-check **Continue**.

READ

Tap **MODE > READ/WRITE** and the select **Read**.

If tap **ACCESS**, program detects tag and then get data from assigned memory.

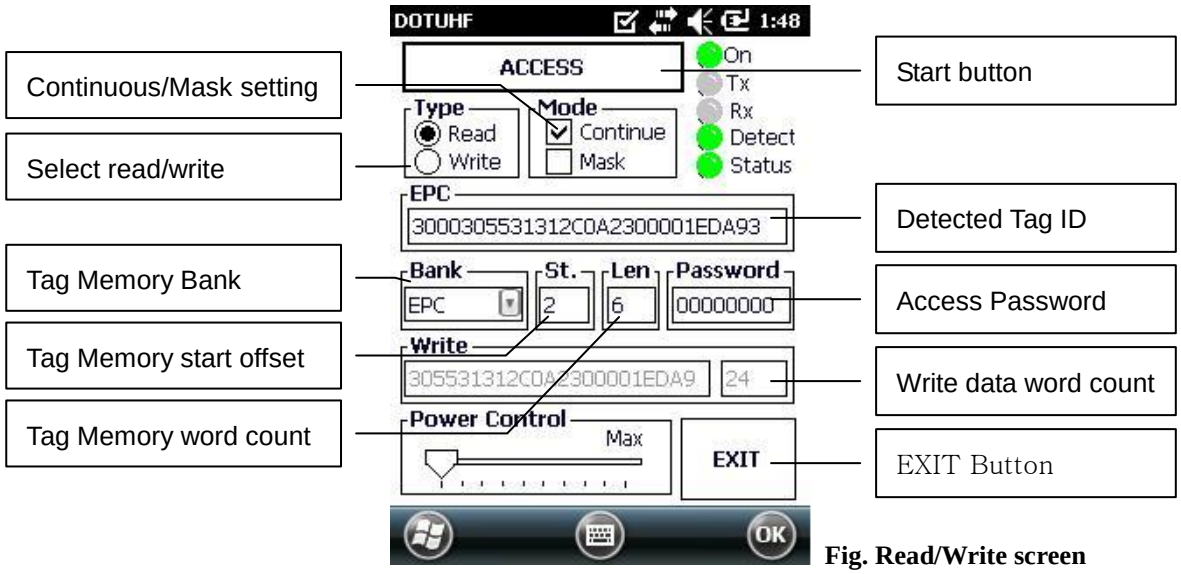


Fig. Read/Write screen

ACCESS -WRITE

Tap **MENU > ACCESS** and then select **Write**.

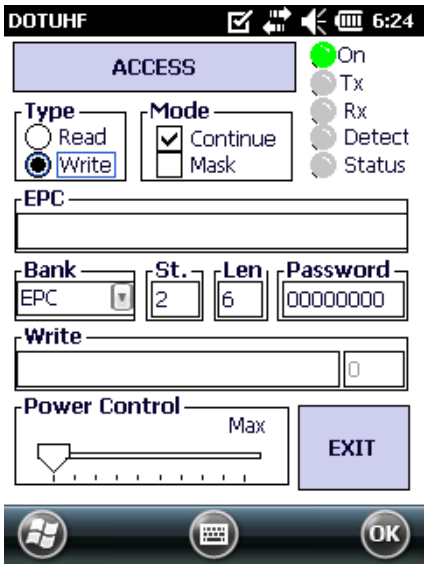


Fig. Read/Write screen

Except that you can set tag data, functions are same as those of READ.

LOCK/KILL

LOCK/KILL let RFID reader start access operation such as read, write. Access operation will be executed according to parameters which you can set. Prior to run **ACCESS**, tap **Continue** and un-check **Continue**.

LOCK

Tap **MENU > ACCESS** and then select **Lock**.

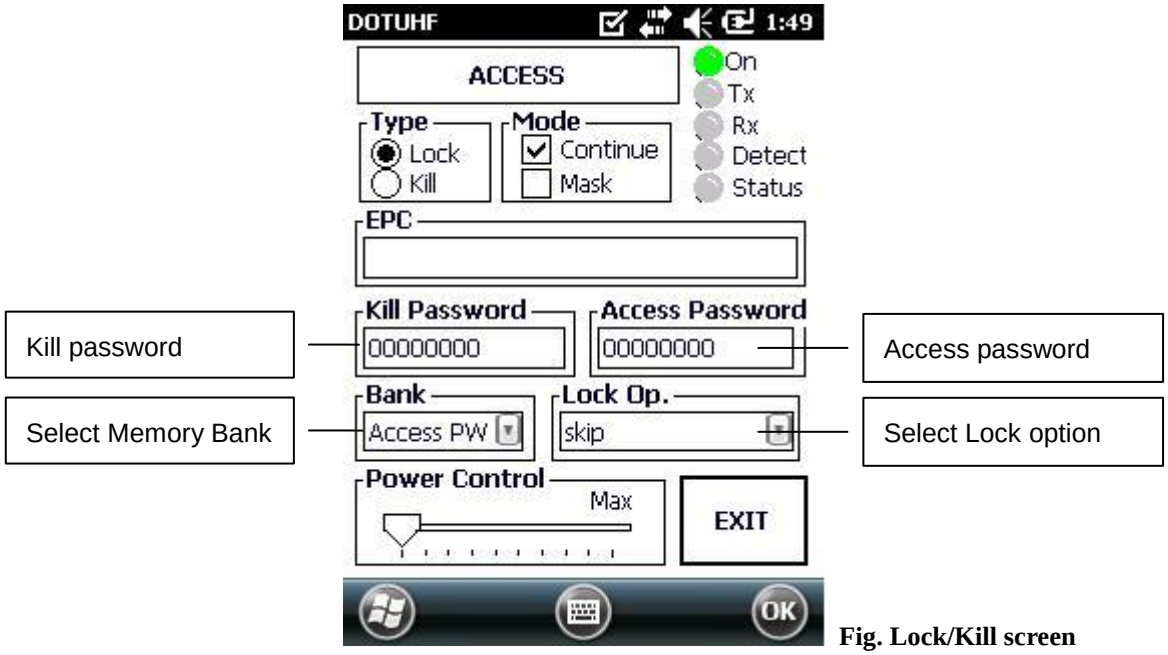


Fig. Lock/Kill screen

Input the access password(8 hexadecimal) in the access PWD box.

Select the memory bank on the Bank, and then, choose Lock option.

To lock the tag that you want, select memory change option and tap **ACCESS**.

Lock option

[skip]: relevant memory still remain as lock.

[accessible]: Tag memory bank un-locked.

[secured accessible]: Tag memory bank locked

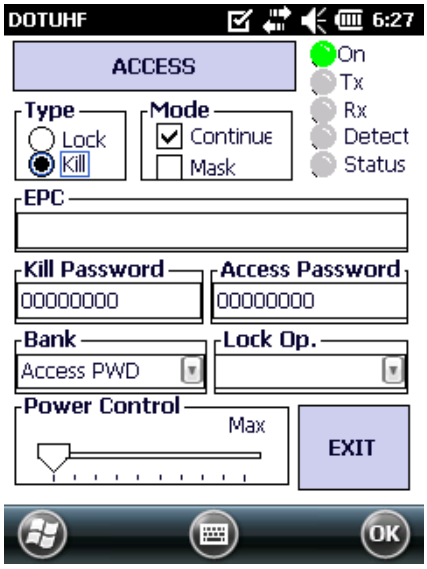
[perma. accessible]: Tag memory bank permanently un-locked.

[perma. inaccessible]: Tag memory bank permanently locked.

KILL

Tap **MENU > LOCK/KILL** and then select **Kill**.

If you enter kill password and run **ACCESS**, selected tag will be killed. Authorization message is needed for preventing killing tag by user mistake. If tag is killed, the tag is permanently unrecoverable and you should pay attention to kill execution.



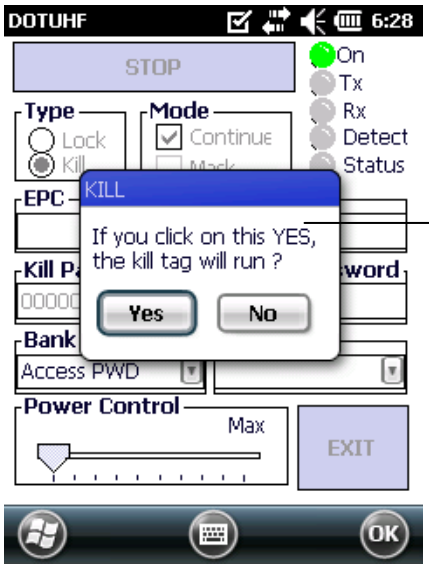


Fig. Lock/Kill screen

Input the kill password(8 hexadecimal) in the kill PWD box.

Tap **ACCESS** and then select **Yes**.

MENU > CONFIG

You can set parameters on tag query.

This parameters applies to both **INVENTORY** and **ACCESS**.

If Timeout is zero, there is no timeout. Its unit is second.

Max power output is attenuated up to 9 dB.

Att9	Att8	Att7	Att6	Att5	Att4	Att3	Att2	Att1	Max
-9dB	-8dB	-7dB	-6dB	-5dB	-4dB	-3dB	-2dB	-1dB	

Tx duty is controllable from 20% to 80%.

(%)	20	41%	60%	80%
RF transmission time in a channel	40	70	120	160
Pause duration in a channel	160	100	80	40

Session setting to Query

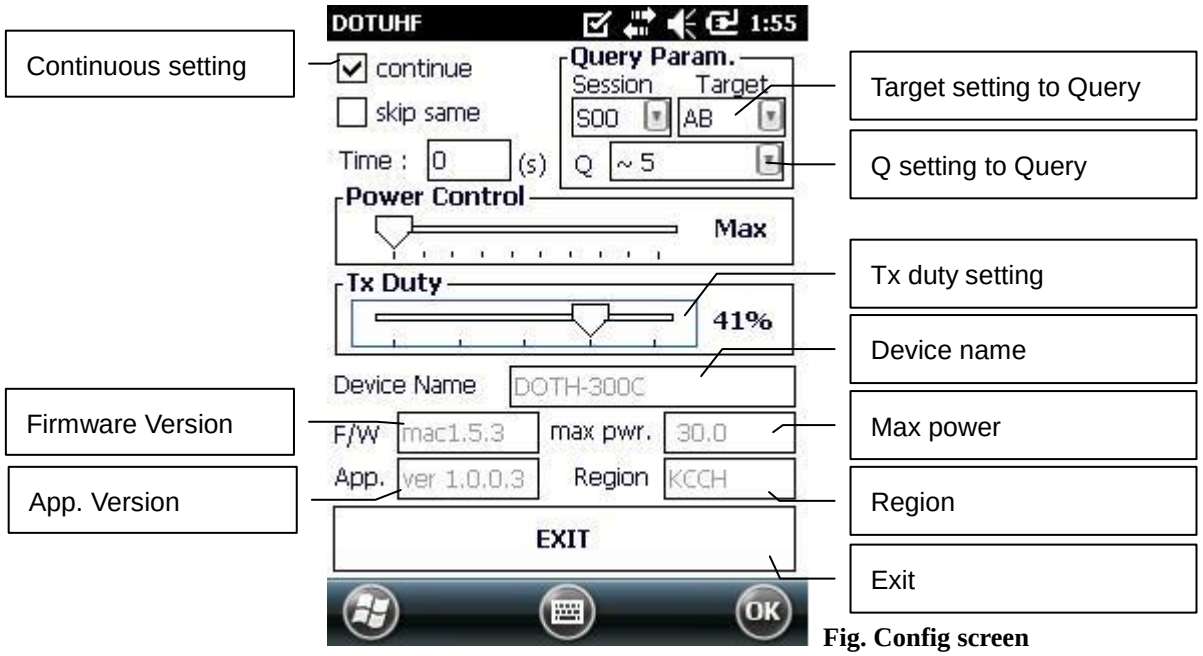


Fig. Config screen

Chapter 7: Windows Mobile Dialer

About Windows Mobile Dialer

You can make phone calls, set up speed dials, keep track of calls, and send/receive text messages.

Also by integrated phone, you can connect to an ISP or work network to browse the web and read e-mail.

Supported Model	OS	Type
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	HSUPA (PH8) EDGE (MC75i)

7.1 Making a Phone Call

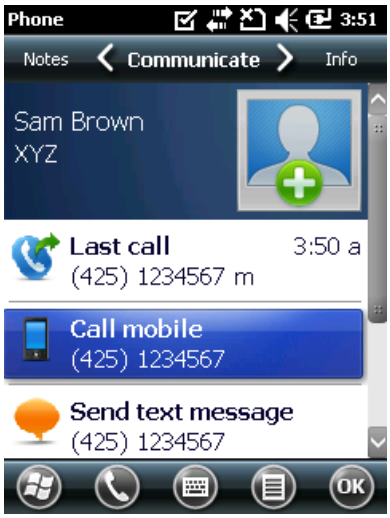
Using the Phone Keypad

1. **Start** > **Phone** or press 
2. Enter the phone number on the dialer or keypad.
3. Press  or tap  on the dialer >  .
4. Tap  or press  to stop dialing or end the call.

When you start entering numbers or characters, phone automatically searches and sorts the contact entries in the SIM card, in the Contacts, and in the phone numbers in call history. You can select the desired number or contact from the matched list to dial.

To make a call or send a text message using smart dialing :

1. Start entering the first few numbers or characters.
2. Select the correct contact from the list and tap  to make a voice call. Or select and tap **Call mobile**, **Call Home** or **Call work** if it is listed.
3. To send a text message to the selected contact, tap **Send text message**.



Using Contacts

To make a call from Contacts :

1. Tap **Contacts**.
2. From the contact list, tap and hold the contact name.
3. Tap **Call Work**, **Call Home** or **Call Mobile**

Using Call History

To make a call from Call History :

1. From the keypad, tap **Call History**.
2. Tap the phone icon next to the number or tap 
3. Tap **End** on the dialer or press  to stop dialing or end the call.

Making a Speed Dial Call

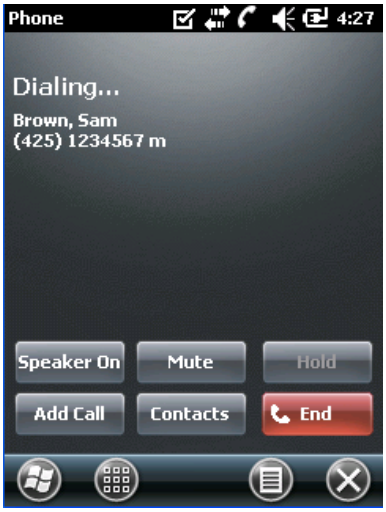
1. **Start** > **Phone** or tap **Phone** on the system tray.
2. Tap and hold the speed dial location number assigned to a contact.

   Or from the keypad, tap **Speed Dial** and tap speed dial location number in the list.
3. Press **End** on the dialer or press  to stop dialing or end the call.

During a call

Muting a call

You can mute the microphone when there is background noise or you are at somewhat noisy environment. You can hear on the line but the person can not hear you.



Speaker On; While on dialing, tap **Speaker On** to hear loud sound through built-in speaker. It is convenient for the situation that you does not need to speak privately or several people need to hear and talk with.

Swapping a Call

To move between two phone calls ;

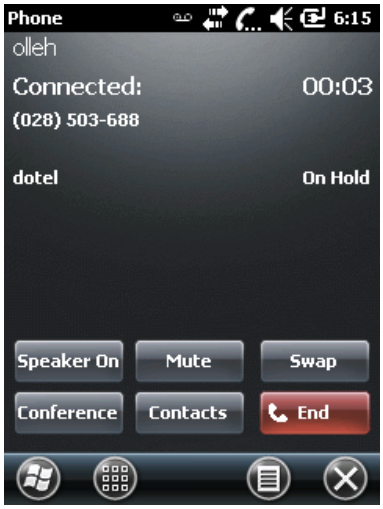
Press , enter the first phone number and tap **Talk**.

When the call connects, **Hold** icon is activated. Tap **Hold** to place the first call on hold.

Enter the second phone number to call and tap **Talk**.

Tap Swap to move from one call to the other call.

Tap **End** or press to end the calls.



Conference Call

Conference calling and the number of conference calls allowed may vary by service provider. Please check with your service provider.

Press , enter the first phone number and tap **Talk**.

When the call connects, tap **Hold** to place the first call on hold.

Enter the second phone number to call and tap **Talk**.

When the second call answered, tap **Conference** on the dialer. It will place the calls in conference mode.

Tap **Hold** the conference on hold.

Enter the other phone number that is added to conference and tap **Talk**.

When the call is answered, tap **Conference** . Again, all the calls will be placed in conference mode.

You can repeat above steps until the number of conference call allowed is full.

7.2 Answering a Call

When phone receives an incoming call, a dialog box appears or a ring tone sounds.

To answer an incoming call, tap .

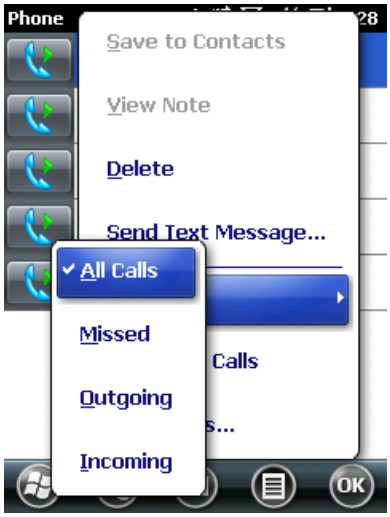
To ignore the incoming call, tap .

To end the call, tap **End** on the dialer or press .

7.3 Missed Call

To view a missed call list tap the **Missed Call** on the Phone screen.

Or tap **Call History** >  >**Filter** > **Missed**



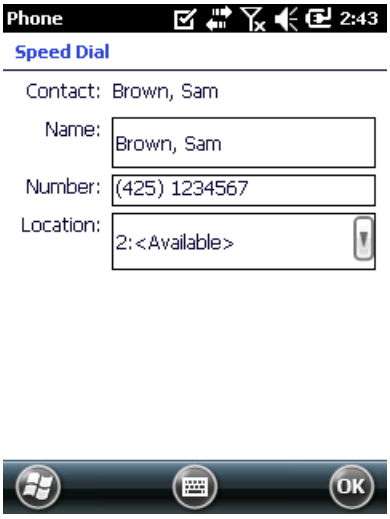
7.4 Using a Speed Dial

Adding a Speed Dial Entry

Tap **Speed Dial** in the Phone screen >  > **New**

Tap the desired contact name and number in the list.

Tap the up/down arrows to select an available location in the **Location** field.



Tap **OK** to add to the speed dial list.

Adding a speed dial entry from Contacts

Tap **Contacts** and tap a desired contact name.

Tap  > **Add to Speed Dial**.

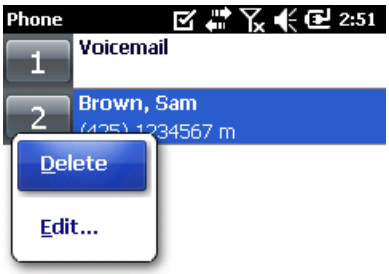
Tap the up/down arrows to select an available location in the **Location** field.

Tap **OK** to add to the speed dial list.

Editing and deleting a Speed Dial Entry

Tap **Speed Dial**.

Tap and hold the contact name and then select menu.



You can change the name, phone number, or location number.

To delete speed dial location number, tap **Delete**. In this case, it does not delete contact information.

Another way to delete speed dial location number ;

Tap **Contacts** > select the contact name >  > tap **Edit Speed Dial** >  > tap **Yes** > OK

Chapter 8: KIOSK Manager

About

This chapter describes the use of the KIOSK of the mobile computer, DOTH-300.

By setting KIOSK, administrator can restrict the use of the mobile computer so that the user access to the designated program only which is defined by administrator.

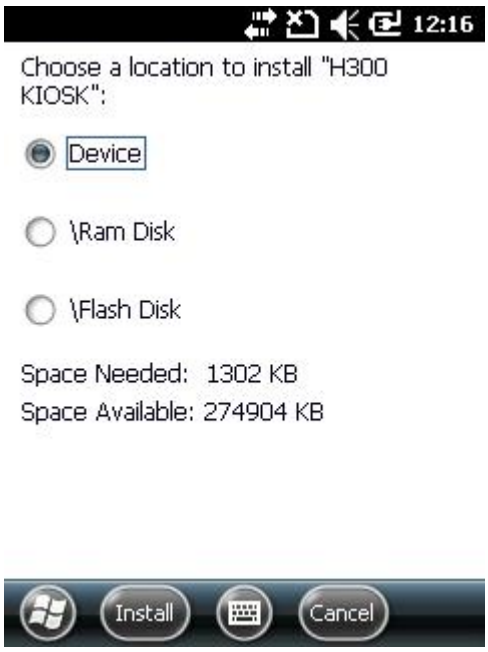
Installing the KIOSK

H300WM_KIOSK_Rxxxx.CAB;

My Device > Flash Disk > CAB > H300WM_KIOSK_Rxxxx.CAB

Supported Model	OS	Type
DOTH-300S(Q) DOTH-300C(Q)	Windows Embedded Handheld 6.5	KIOSK.exe KIOSK_MANAGER.exe KIOSK.ini

To install KIOSK, tap H300WM_KIOSK_Rxxxx.CAB, then you are prompted to select path which you want to locate KIOSK.



Select the path that you want and tap **Install** in the task bar.

KIOSK's parent directory can be different as you selected.

Starting KIOSK manager

To start KIOSK, tap KIOSK.exe in the KIOSK folder.

Option : is used when to change the setting or exit the KIOSK**.**

Configuring KIOSK setting

Tap **Option** and select **Manager**.

You are prompted to enter password. Input a password and then tap **Enter** in the task bar.

Initial password is set to “0000”.

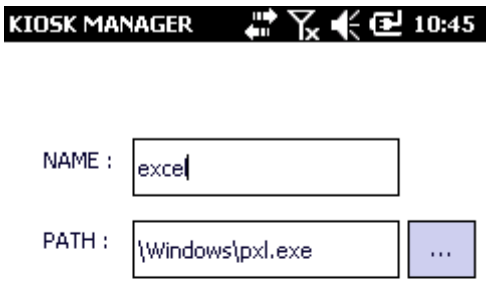
Modify / Add / Delete the contents of KIOSK

Move to **Link** tab

Modify : Select program to be changed and tap **Modify** button.

Add : Tap **Add** to add a new icon.

Delete : Select program to be deleted and tap **Delete** button.



If tap **Modify** or **Add**, you are prompted to enter program name and its path.

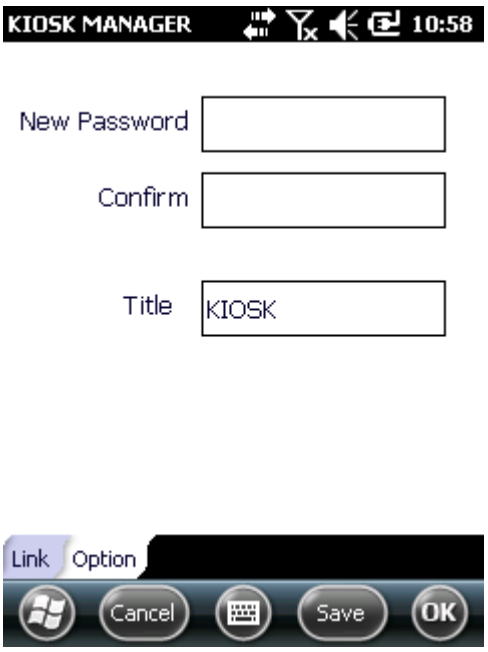
NAME : Program name to be selected

PATH : the path of the program to be changed

For example, enter NAME and PATH as shown in the figure. And then tap **Save** to save the changes.

As seen in the following pictures, you can find that “excel” which is assigned in the KIOSK setting is generated in the KIOSK.

Changing the password

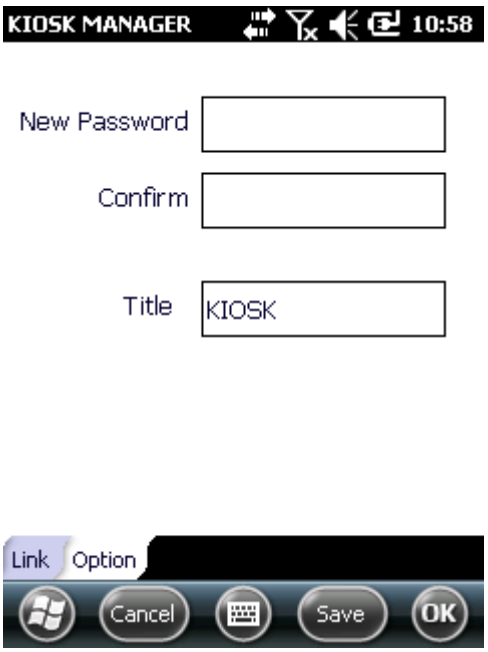


Move to **Option** tab.

Input a password to be changed to **New Password** box and enter a password again to **Confirm** box. And then tap **Save** in the task bar to save the change.

If you are to keep current password, let it left as is.

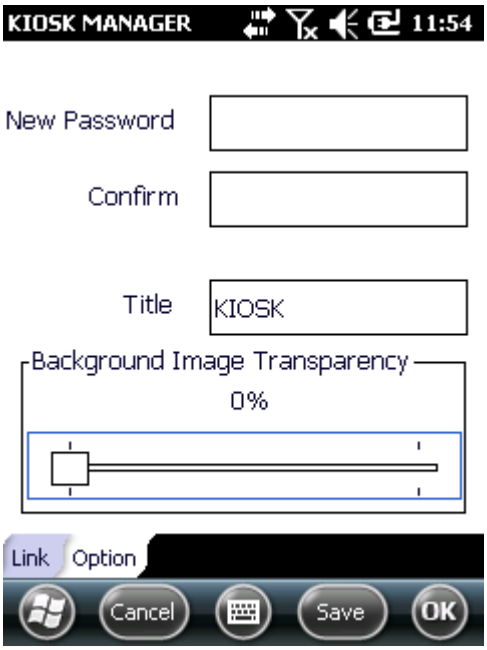
Changing the title of KIOSK



Move to **Option** tab.

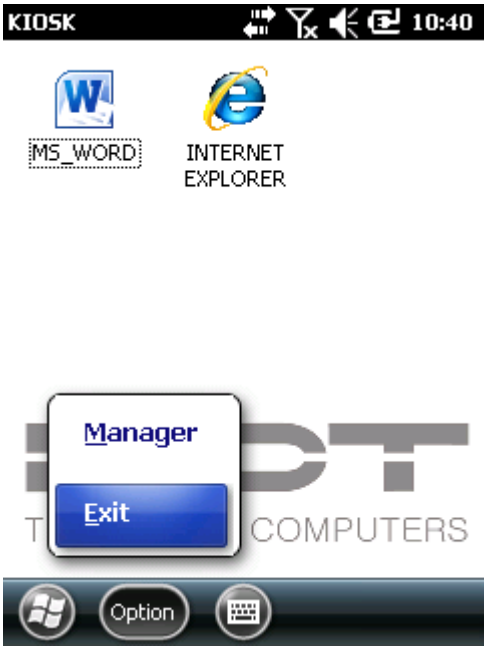
Input a new title to **Title** box. Tap **Save** to change

Adjusting the Transparency of background image

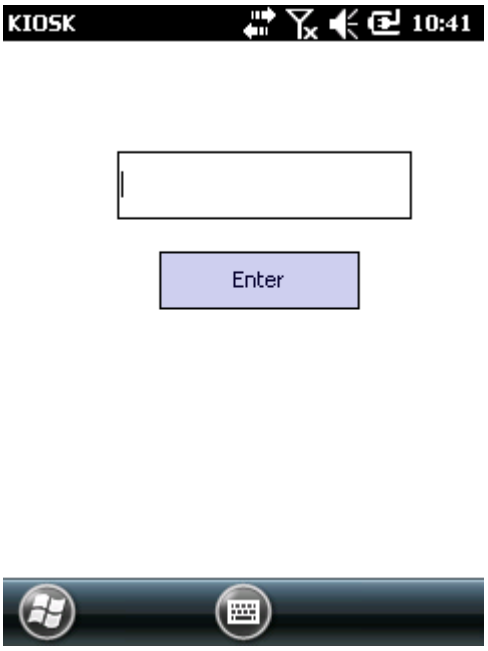


Move to **Option** tab. Tap and hold slide bar and move left or right as you want. Tap Save to save the changes.

Exiting the KIOSK



To exit the KIOSK, tap **Exit** in the **Option** menu.



Input a password and then tap **Enter**.

Initial password is “0000”

INI file structure

INI file has a configuration data that is explained in the earlier section and an information about KOSK background image.

<KIOSK.ini>

[KIOSK TITLE] **< - To change the title.**

“KIOSK”

[KIOSK PASSWORD] **< - To change the password**

0000 **(supported up to 8-digit)**

[KIOSK IMAGE] **< - To change the background image of KIOSK**

“\Windows\TestImage.bmp”

[LOCK PROGRAM]
0.NAME:"KIOSK MANAGER"
0.PATH:"\Windows\KIOSK_MANAGER.exe"

< - To add a background image that KIOSK manager can not handle. (A digit at head is priority level and 0~9 can be placed)

[UNLOCK PROGRAM]
0.NAME:"MS_WORD"
0.PATH:"\Windows\pword.exe"
1.NAME:"INTERNET EXPLORER"
1.PATH:"\Windows\iexplore.exe"
[END]

< - To add a background image that KIOSK manager can handle. (A digit at head is priority level and 0~9 can be placed)